

California's Citizen Oversight Board  
**ANNUAL REPORT**

**PROPOSITION 39 CLEAN  
ENERGY JOBS ACT REPORT  
TO THE LEGISLATURE**



Edmund G. Brown Jr., Governor  
March 2016



# California Citizen Oversight Board

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## INTRODUCTION

The Citizen Oversight Board is pleased to present this report to the California legislature on California's Clean Energy Jobs Act. The California Clean Energy Jobs Act (referred to throughout this report as "CCEJA"), which is the implementing legislation of Proposition 39 (2012), provides new resources to the state's public schools and community colleges to perform energy projects that result in energy savings and job creation across the state. Because it is simultaneously an energy, education, and jobs program, the CCEJA involves multiple state agencies and funding streams. In this report, we attempt to provide to the legislature and public an overview of these programs and their progress to date, as well as our recommendations and conclusions upon reviewing these agencies' reports.

The CCEJA supports energy efficiency retrofits and alternative energy projects in public schools and community colleges; financial and technical assistance for energy retrofits; and job training and workforce development programs related to energy efficiency and alternative energy. As such, this report is divided into three categories of the Clean Energy Jobs Act to reflect the different programs: Energy Projects; Loans and Technical Assistance Grants; and Workforce Programs and Grants. We have included a separate chapter on Job Numbers: Quality and Quantity to reflect the California Department of Workforce Development's early work analyzing the payroll data coming out of these projects.

This report is only a summary; we have included as the appendices every one of the agency reports provided to us as input into this final report. This report, plus all the appendices, will be made available to the public as well.

We hope this report gives insight into the complex set of programs and projects that make up the CCEJA--a program still in its early years, but showing the potential for important progress toward the state's broader energy and education goals.





# **CHAPTER 1:**

## **Objectives of the California Clean Energy Jobs Act**

The main objectives of the California Clean Energy Jobs Act are laid out in the California Public Resource Code<sup>1</sup>, which states that the program is intended to:

- a) Create good-paying energy efficiency and clean energy jobs in California.
- b) Put Californians to work repairing and updating schools and public buildings to improve their energy efficiency and make other clean energy improvements that create jobs and save energy and money.
- c) Promote the creation of new private sector jobs improving the energy efficiency of commercial and residential buildings.
- d) Achieve the maximum amount of job creation and energy benefits with available funds.
- e) Supplement, complement, and leverage existing energy efficiency and clean energy programs to create increased economic and energy benefits for California in coordination with the California Energy Commission and the California Public Utilities Commission.
- f) Provide a full public accounting of all money spent and jobs and benefits achieved so the programs and projects funded pursuant to this division can be reviewed and evaluated.

In this report to the legislature, the Citizen Oversight Board looks to these overarching objectives of energy efficiency and clean energy jobs when determining our recommendations and conclusions regarding the California Clean Energy Jobs Act.

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<sup>1</sup> California Public Resource Code § 26201

## **CHAPTER 2:**

# **Background on the California Clean Energy Jobs Act**

### **Timeline of the California Clean Energy Jobs Act**

The program now known as CCEJA was initially created through a November 2012 ballot proposal, Proposition 39. It was then implemented through a legislative act and further clarified through administrative guidelines. As such, the California Clean Energy Jobs Act funds have only been available since November 2013.

Key dates related to the CCEJA:

#### **2012**

- November 2012: Voters approve Proposition 39

#### **2013**

- January-April 2013: Legislature holds implementation hearings on Proposition 39
- June 2013: SB 73 adopted, implements Proposition 39
- June 2013: California Conservation Corps launches Energy Corps program
- October 2013: Chancellor's Office issues Community College program guidelines
- October 2013: State Treasurer appoints first three members to the Citizen Oversight Board
- November 2013: California Department of Education announces availability of K-12 planning funds for energy audits and technical assistance
- December 2013: Energy Commission's K-12 program guidelines adopted

#### **2014**

- January 2014: California Workforce Investment Board releases solicitation for workforce training grants
- January 2014: State Controller appoints next three members to the Citizen Oversight board

- April 2014: Energy Commission approves first energy expenditure plans for K-12 program
- February 2014: Energy Commission begins accepting K-12 program applications
- June 2014: California Department of Education processes first grants for energy projects
- June 2014: Energy Commission drafts guideline revisions
- June 2014: California Workforce Investment Board announces workforce training grant awards
- September 2014: AB 2227 adopted, implements Citizens Oversight Board
- October 2014: Attorney General appoints final three members to the Citizen Oversight Board
- December 2014: Energy Commission adopts 2015 K-12 program guidelines
- February 2015: Energy Commission launches K-12 online application system

## **2015**

- September 2015: Citizen Oversight Board members have first meeting of the board
- December 2015: Energy Commission's K-12 program receives first final project completion reports on approved energy expenditure plans.

## **Understanding the Programs of the California Clean Energy Jobs Act**

The California Clean Energy Jobs Act was created under Proposition 39 (Prop 39) on November 6, 2012, in the statewide general election.<sup>2</sup> Post-election, the following legislative actions provide the structure and organization of the California Clean Energy Jobs Act:

- Enabling Legislation: Senate Bill 73<sup>3</sup>
- Subsequent legislation: Assembly Bill 2227<sup>4</sup>
- Regulatory Guidelines from the CEC: Proposition 39: California Clean Energy Jobs Act- 2013 Program Implementation Guidelines<sup>5</sup>

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<sup>2</sup> California Secretary of State. *Statement of Vote: November 6, 2012 General Election*. 2012

<sup>3</sup> Senate Bill 73. Committee on Budget and Fiscal Review, Chapter 29, Statutes of 2013

<sup>4</sup> Assembly Bill 2227, Quirk. Chapter 683, Statutes of 2014

- Regulatory Guidelines from the California Community Colleges: California Community College Proposition 39 Implementation Guidelines<sup>6</sup>

The California Clean Energy Jobs Act is divided into a diverse number of programs created to achieve the overarching objectives set forth by Prop 39 and its enabling legislation.

**Energy efficiency and clean energy projects:** These are covered under two grant programs, the Local Educational Agency K-12 Proposition 39 Award Program tasked with awarding local educational agencies for energy efficiency and clean energy projects; and the California Community College Chancellor's Office Community College Proposition 39 Program that approves clean energy projects at the Community College level.

**Leveraging public funds:** Recognizing that public funds invested in energy efficiency can be leveraged by sending them out as loans rather than grants, Senate Bill 73 allocates funds to the California Energy Commission for the Energy Conservation Assistance Act- Education Subaccount, intended to provide local education agencies low-interest or no-interest loans for energy efficiency, demand reduction, and generation projects. As a part of Energy Conservation Assistance Act- Education Subaccount, the California Energy Commission also oversees the Bright School Program that provides technical assistance grants to local education agencies and community colleges.

**Job training/workforce development:** A key part of the intent of Prop 39 was to create high-quality California jobs in clean energy fields. As such, Senate Bill 73 instructs the California Workforce Development Board to develop and implement a competitive grant program aimed at preparing disadvantaged youth, veterans, and others for employment in these fields. Similarly, the California Community College Chancellor's Office directs a portion of its allocated funds toward their Workforce and Economic Development Division for use in its already established Economic and Workforce Development program. In addition, Senate Bill 73 appropriated funds for the California Conservation Corps to develop an Energy Corps program to engage Corps members (young adults from 18 to 25 years old, and recently returned veterans up to 29 years old) in

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<sup>5</sup> Bucaneg, Haile, Pierre duVair, Cheng Moua, Justin Regnier, Keith Roberts, Elizabeth Shirakh, Joseph Wang. 2013. *Proposition 39: California Clean Energy Jobs Act- 2013 Program Implementation Guidelines*. California Energy Commission. CEC-400-2014-022-CMF.

<sup>6</sup> California Community Colleges Chancellor's Office. Revised 2014. *California Community Colleges Proposition 39 Implementation Guidelines*. 2014

gaining experience performing initial energy surveys to be used with the Local Education Agency Proposition 39 Award Program.

**Job data collection and analysis:** Lastly, the California Workforce Development Board is tasked with quantifying total employment affiliated with the funded projects and estimate any new trainee, apprentice, or full time jobs resulting from the California Clean Energy Jobs Act. This is the first time in California legislation that any official, payroll-based job count has been written into a state program.

## California Clean Energy Jobs Act Funding

The California Clean Energy Jobs Act necessitated the creation of the Clean Energy Job Creation Fund. This fund, created in the State Treasury, provides funds for the programs of the California Clean Energy Jobs Act. The fund is capitalized each year from corporate tax receipts generated by the tax loophole closed by the original Proposition 39. Because the fund is dependent on actual tax receipts, the amount placed into the fund each year varies.

Senate Bill 73 establishes that CEC's Local Educational Agency Proposition 39 Award Program receives 89 percent of the Clean Energy Job Creation Fund funds allocated by the Superintendent of Public Instruction, while the California Community College Chancellor's Office receives 11 percent allocated by the Chancellor of the California Community Colleges. The COB is responsible for commissioning a full accounting audit of this fund by an independent source. The first audit is expected to be completed by the end of 2016.

Table 1 below provides the agency responsible for each program of the California Clean Energy Jobs Act and into which category each program falls, as well as a rundown on the budgets for each program for fiscal years 2013/14, 2014/15, and 2015/16.

**Table 1: Programs of the Clean Energy Job Creation Fund**

Program	State Agency	Category	Budget (in millions)
<i>Energy Project Grants and Loans</i>			
Local Educational	California Energy	Energy	2013/14 -\$381

Agency K-12 Proposition 39 Award Program	Commission / California Department of Education	Efficiency and clean energy projects	2014/15- \$279 2015/16-\$313.4
Community College Proposition 39 Energy Program	California Community College Chancellor's Office	Energy Efficiency and clean energy projects	2013/14-*\$47 2014/15-*\$39 2015/16-*\$38.7
Energy Conservation Assistance Act Education Subaccount	California Energy Commission	Leverage: K-12 school support-0% and 1% loans	2013/14-**\$28 2014/15-**\$28 2015/16-\$0
Bright School Program	California Energy Commission	Leverage: K-12 school and college support-technical assistance	<i>**Receives 10% of Energy Conservation Assistance Act Education Subaccount funds</i>
<b>Workforce Training Grants</b>			
Proposition 39 Pre-Apprenticeship support, training and placement grants	California Workforce Development Board	Job training/workforce development	2013/14-***\$3 2014/15-***\$3 2015/16-***\$3
Energy Corps Apprenticeship Program	California Conservation Corps	Job training/workforce development	2013/14-\$5 2014/15-\$5 2015/16-\$5.4
Community College Workforce and Economic Development Division Programs	California Community College Chancellor's Office	Job training/workforce development	<i>*Receives 11.8% of CCCCO Proposition 39 Energy Program funds</i>
<b>Job data collection and analysis</b>			

Proposition 39 Jobs Reporting	California Workforce Development Board	Job Data Collection and Analysis	*** <i>Unfunded mandate, uses funding from Prop 39 Pre-Apprenticeship support, training and placement grants</i>
<b><i>Citizen Oversight Board staff and audit functions</i></b>			
Citizen Oversight Board		Staff and audit functions	<i>Not funded through Prop 39</i>

# **CHAPTER 3: Citizen Oversight Board Mandates, Meeting History, and Audit Progress**

The Citizen Oversight Board is composed of nine members: three members appointed by each the Treasurer, the Controller, and the Attorney General. The California Public Utilities Commission and California Energy Commission also each designate an ex-officio (non-voting) member to serve on the board. Currently the board has only eight members, as we are waiting for a replacement appointment from the Controller's Office.

## **Mandates of the Citizen Oversight Board**

Assembly Bill 2227<sup>7</sup> (2014) lays out the Citizen Oversight Board's main responsibilities and adds these to the Public Resource Code<sup>8</sup>.

Those duties include:

- 1) Annually review all expenditures from the Job Creation Fund
- 2) Commission and review an annual independent audit of the Job Creation Fund and of a selection of projects completed to assess the effectiveness of the expenditures in meeting the objectives of this division
- 3) Publish a complete accounting of all expenditures each year, posting the information on a publicly accessible Internet Web site
- 4) Submit an evaluation of the program to the Legislature identifying any changes needed to meet the objectives of this division

As such, the two major responsibilities of the Citizen Oversight Board are to produce an annual program audit of the California Clean Energy Jobs Act, and to provide an annual report to the legislature evaluating the overall program. This report serves to meet the latter responsibility.

## **Meeting History of the Citizen Oversight Board**

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<sup>7</sup> Assembly Bill 2227, Quirk, Chapter 683, Statutes of 2014

<sup>8</sup> Public Resource Code Section 26210-26217



Below is a brief description of Citizen Oversight Board meetings to date; the full agendas and minutes of the board are publicly available online at [http://www.energy.ca.gov/efficiency/proposition39/citizens\\_oversight\\_board/](http://www.energy.ca.gov/efficiency/proposition39/citizens_oversight_board/).

- September 8, 2015: Selection of the chair and vice chair for the board; overview presentations on the background of the California Clean Energy Jobs Act, background on the California Energy Commission K-12 program and the California Community College Chancellor's Office college program and an overview on Citizen Oversight Board duties.
- November 16<sup>th</sup>, 2015: Presentation on California Clean Energy Jobs Act program operations from the Department of Education, the Conservation Corps and, the California Workforce Development Board.
- January 11, 2016: Reports from stakeholders and local education agencies on the K-12 program; report on the annual report received from the California Community College Chancellor's Office; update on the jobs report from the California Workforce Development Board. The board also formed committees to focus on this legislative report and the formal audit.
- March 29, 2016: The board will meet to review final reports from relevant agencies and approve this report to the legislature, among other activities.

## **Audit Progress of the Citizen Oversight Board**

In addition to the annual evaluation of the program to the legislature, the Citizen Oversight Board is also responsible for conducting an annual independent audit of the job creation fund. The board has been allocated \$300,000 per year by the California Energy Commission to conduct this audit.

The Citizen Oversight Board and board staff has begun the process of signing an interagency contract with the California State Controller's office to provide a financial audit of the Job Creation Fund, as well as a program audit on a selection of completed projects.

## **CHAPTER 4:**

# **Clean Energy Jobs Act Programs: Energy Projects**

Nationwide energy costs for schools total approximately \$8 billion annually, with California taking up a significant portion.<sup>9</sup> Investments to improve energy efficiency could save \$2 billion in total energy costs-- money that could be directed to other educational costs.<sup>10</sup> Investments in renewable energy generation systems, such as solar panels, can also reduce bills by allowing these schools to meet a portion of their energy needs on-site. Providing grants and loans up front to California's public schools and community colleges for energy retrofits and clean energy generation can potentially reduce greenhouse gas (GHG) emissions and other environmental impacts, and provide long-term cost savings that can be plowed back into operations or maintenance budgets. Under the CCEJA, these grants and loans are distributed by the Energy Commission's K-12 School Energy Program and the California Community College Chancellor's Office Energy Program.

## **K-12 Program (California Energy Commission)**

The Energy Commission launched its Proposition 39 K-12 Energy Program on January 31, 2014. The Proposition 39 K-12 program funds eligible energy efficiency measures and clean energy generation at schools within a Local Education Agency (LEA), defined as: public school districts, individual charter schools, county offices of education, and state special schools (e.g. schools serving students with special needs, such as sight- or hearing-impaired students). In the three years since funding has begun to flow under the Clean Energy Job Creation Fund, public school districts have received approximately \$772.6 million, charter schools \$188.2 million, county offices of education \$12.2 million, and special schools at \$300,000.

Altogether, the Energy Commission's K-12 program makes up the bulk of funds of the Clean Energy Job Creation Fund. In terms of percentage

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<sup>9</sup> U.S. EPA, 2008; U.S. DOE, Undated

<sup>10</sup> U.S. EPA, 2004b; U.S. DOE, 2006

these funds take up about 86% of the total amount of the Clean Energy Job Creation Fund through these three years.

A full report from the California Energy Commission is attached as Appendix A. Below are highlights from that report.

### **Funding Allocations to Local Education Agencies**

Pursuant to SB 73, funding under the Clean Energy Job Creation Fund is allocated to LEAs on a formula basis. This formula-based method is 85% based on average daily attendance (ADA), also known as a “per-pupil allocation”; and 15% based on the number of students’ eligible for free and reduced-priced meals (FRPM) in the prior year.<sup>11</sup> This allocation formula includes a minimum funding award level for the LEAs with the fewest students, and ultimately places each local education agency in a four-tiered system, as illustrated below.

**Table 2: Minimum Funding Award Levels**

<b>Tier Levels</b>	<b>Average Daily Attendance Prior Year</b>	<b>Minimum Funding Awards</b>
Tier 1	100 or fewer	\$15,000 plus FRPM
Tier 2	101-1,000	Based on prior year ADA or \$50,000 (whichever amount is larger) plus FRPM
Tier 3	1,001 to 1,999	Based on prior year ADA or \$100,000 (whichever amount is larger) plus FRPM
Tier 4	2,000 or more	Based on prior year ADA plus FRPM

Source: California Energy Commission

<sup>11</sup> California Education Code § 46303.

LEAs are not automatically entitled to the full funding they are allocated under this formula. Instead, each LEA must submit an energy expenditure plan to the California Energy Commission, and only when these plans are reviewed and approved will the California Energy Commission request that the California Department of Education distribute the requisite funding directly to the local education agencies to complete their energy projects. Each energy expenditure plan includes information detailing the proposed energy efficiency measures including energy savings, energy cost savings, measure costs, rebates, and other non-repayable funds. This information is obtained using energy audits or the Energy Commission's energy savings calculator with an energy survey.

The plan must also include an estimate of job creation benefits, with any apprenticeship programs and trainee information included if applicable.

### **Overall K-12 Program Funding Status**

The process for reviewing and approving energy expenditure plans began on January 31, 2014. As of December 31, 2015, the Energy Commission had approved 714 energy expenditure plans, totaling nearly \$499 million in project funding, and had amended 28 energy expenditure plans, totaling 111 school sites.

Table 3 summarizes for each fiscal year the total number of energy expenditure plans approved, the number of school sites involved, and the amount of funding approved.

**Table 3: Energy Expenditure Plans Approved by Fiscal Year (as of December 31, 2015)**

<b>Fiscal Year</b>	<b># of Energy Expenditure Plans Approved</b>	<b># of School Sites</b>	<b>Funding Approved</b>
2013-14	33	78	\$16 million
2014-15	409	1,328	\$257 million
2015-16 (Partial)	272	1,056	\$226 million

<b>Total</b>	<b>714</b>	<b>2,462</b>	<b>\$499 million</b>
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Source: California Energy Commission

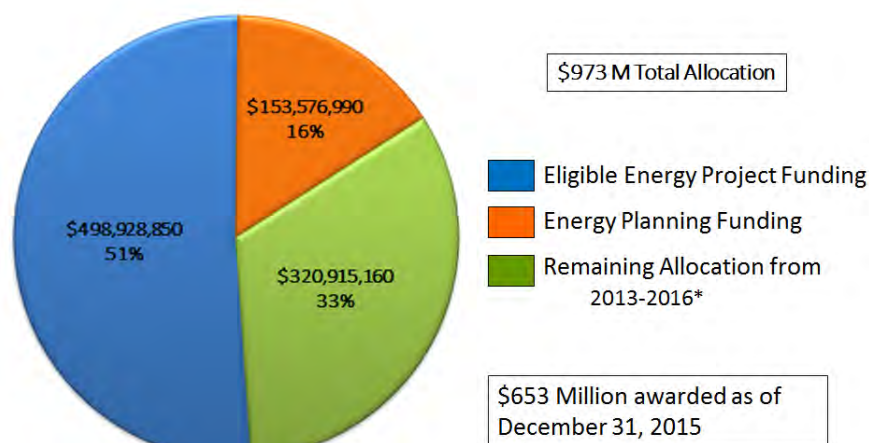
**Figure 1** below shows a breakdown of how funds are currently being spent under the K-12 program. There are three general categories of funding:

**Funds for projects:** These are funds allocated to approved projects, as detailed above.

**Funds for planning:** The public resource code states that a portion of the funds may be distributed to an LEA upon request for planning purposes prior to the formal plan submission. Many schools have used these funds for tasks beyond the expertise of year-round custodial or facilities personnel, including: commissioning audits and energy surveys/assessments, hiring or retaining an energy manager, and performing other energy-related training for current staff. As of December 2015, \$154 million has gone towards energy planning for LEAs.

**Unspent funds:** Approximately \$321 million in funds have been allocated to LEAs for the first three fiscal years of the program but have not yet been approved for energy planning or energy projects through an energy expenditure plan. There may be several reasons for the unclaimed funds: first, LEAs can request those funds at any time during the five year program, and we understand that some larger LEAs prefer to wait and aggregate funding before submitting a comprehensive plan to the California Energy Commission. Second, some smaller or more remote schools may not have claimed funds due to a lack of expertise in energy planning. Third, some charter schools may have been renting their facilities (thus lacking the incentive to invest in energy projects) or may have gone out of business during this time.

**Figure 1: Proposition 39 K-12 Program Overall Funding Status**



\*Note: These funds represent the unrequested remaining allocation from the first three fiscal years (2013/14 – 2015/16). LEAs can request funding any time during the five year program.

Source: California Energy Commission

## Funding per type of School

California houses a total of 2,136 LEAS that includes 946 public school districts, 1,129 charter schools, 58 county offices of education, and three special schools. In total for all types of schools the funding awarded is approximately \$653 million dollars.

The majority of funding for approved energy expenditure plans have gone to public school districts with \$451 million awarded for energy project funding and \$112 million for energy planning, totaling \$563 million. Approximately 80% of the total amount has gone to energy project and approximately 20% has gone to energy planning.

Charter schools have been approved for approximately \$45 million in total energy project funding and \$38 million in total energy planning, equaling approximately \$83 million. For charter schools, 54% of their total amount has gone to energy projects, and energy planning represents approximately 46% of the total.

County offices of education have been approved for approximately \$4.2 million in energy project funding and \$3 million in energy planning funding, equaling approximately \$7.2 million. For the county offices of education, approximately 58% has gone to energy projects and approximately 42% went to energy planning.

Finally, the three state special schools that provide educational programs for students who are blind, visually impaired, or deaf have a combined allocation of \$300,000 to date.

A breakdown of the total \$653 million awarded funds for the K-12 program per type of school shows that public school districts received 86.2% of the total amount, charter schools received 12.7% of total amount, county offices of education received approximately 1% of funding.

### **Cost Effectiveness Criteria**

According to the Public Resource Code, each project approved for the California Clean Energy Jobs Act funding must be “cost effective”. To meet this requirement, the Energy Commission includes in its program guidelines a “savings-to-investment ratio” (SIR), which applicant LEAs must meet in order for their projects to be approved. The SIR is the total net present value of energy cost savings over the total project cost. To be eligible for funding, an EEP must have an SIR of 1.05 or higher, meaning that for every \$1 invested, \$1.05 must be saved over time. In addition, the guidelines allow some types of leveraged funding to be subtracted from the total project cost in the SIR calculation. These “non-repayable funds” such as bond funding, deferred maintenance, and general operation budgets can offset the total project cost.

So far, the California Clean Energy Jobs Act funding has been primarily used for projects with a fairly fast return on investment: nearly 60 percent of the projects include lighting and lighting controls; about 30 percent include heating, ventilation, and air conditioning (HVAC) controls measures; and the remaining 10 percent are in various other categories such as plug loads, pumps, motors, building envelope, and solar photovoltaic, (PV) generation. The table below shows the total number of measures approved as of December 31<sup>st</sup>, 2015.

**Table 4: Summary of Eligible Energy Measure Categories**

<b>Eligible Energy Measure Categories</b>	<b>Total Number of Measures Approved</b>
Lighting and Lighting Controls	5,244
HVAC and HVAC Controls	2,427
Plug Loads	603
Renewable Generation (PV)	235
Pumps, Motors, Drives	205
Building Envelope	123
Domestic Hot Water	122
Kitchen - High-Efficiency Appliances and Equipment	28
High-Efficiency Transformers	15
Energy Storage	11
Pool Covers and Pool Pump Controls	5
Renewable Power Purchase Agreements	3
Irrigation - High-Efficiency Sprinklers and Pump Controls	3
<b>TOTALS</b>	<b>9,024</b>

Source: California Energy Commission

## Results of Completed Energy Projects

In order to receive funds from the CCEJA, LEAs must commit to providing final completion reports 12 to 15 months after the project completion date. This allows the California Energy Commission to review



a year of energy usage data after project completion, in order to best assess actual project performance and energy savings; it also provides the Citizen Oversight Board with the information we need to perform an independent audit of the program. Between January 2014 and December 2015, 17 LEAs have completed their eligible energy projects and provided final completion reports. These completed energy expenditure plans represent \$8.6 million in total gross project costs. Of this total, \$6.2 million was provided by the Proposition 39 K-12 program, and \$2.4 million came from leveraged funding as described above.

Altogether, these completed projects have saved over 3 million kilowatt hours (kWh) of electricity and have avoided 3,352 gas therms. Put another way, these projects have avoided 1,056 tons of greenhouse gas emissions, enough to power 190 homes for one year.<sup>12</sup> Analysis from these reports shows that the SIR for these 17 projects is 1.26, meaning that for every \$1.00 invested, \$1.26 was saved. From these 17 school sites the Energy Use Intensity, or the reported annual rate of energy used at the school site, before the measures had a total combined annual weighted average Energy Use intensity of 94.74 kBtu/Sqft compared with after the measures were installed of 90.75 kBtu/Sqft.

## **Results of In-Progress Energy Projects**

Those LEAs that received project approval prior to July 2015, but have not yet completed those projects, were required to submit an annual progress report to the California Energy Commission by December 31, 2015. Of the total of 423 annual progress reports due to the Energy Commission at the end of 2015, 413 have been received; of these 96 of these stated in their progress reports that they have completed project installation and are simply waiting for the 12-15 month post-project window to elapse before verifying their savings and submitting their final reports. A review of these annual progress reports shows that energy expenditure plans with projects in the implementation phase spent \$69.6 million in gross project costs, of which \$47 million was funded using Proposition 39 K-12 program funds. The remaining \$22.6 million came from other leveraged funding sources such as utility incentives, bond funding, deferred maintenance funds, and general operation budgets.

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<sup>12</sup> Greenhouse Gas Equivalencies Calculator. <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>.

# **Community College Program (California Community College Chancellor's Office)**

The Community College Chancellor's Office annual report was received by the Citizen Oversight Board on January 11, 2016. The report details the first two years of funding in fiscal years 2013/14 and 2014/15 and is attached here as Appendix B.

## **Identifying Projects**

When Proposition 39 funding was made available, the Community College Chancellor's Office already had a backlog of identified projects from a 2013 "Call for Projects" list from 64 of the total 72 community college districts around the state. This along with a pre-existing project backlog established in 2012, and the fact that funding for the community colleges is all distributed out of one central office rather than spread across over a thousand individual school sites (as is the case with the K-12 funding), allowed the Community College Chancellor's Office to begin allocating funding to projects on a very fast track.<sup>13</sup> To date, the Community College Chancellor's Office Energy Program has yielded 593 energy projects, of which 135 have been completed.

Using its existing "Call for Projects" list, the Community College Chancellor's Office had already developed a sustainably template for college districts to identify, screen, prioritize, and implement projects. This template follows California's "loading order" of energy resources established in 2003 in the state's first Energy Action Plan, and requires districts to prioritize energy efficiency and demand response projects, followed by renewable energy generation, distributed generation, combined heat and power applications, and clean and efficient fossil-fired generation.

Community college districts can also use Community College Chancellor's Office campus project identification and prioritization worksheets to analyze campus energy usage and identify weighted ranking formulas to help prioritize projects. The worksheet is in lieu of the full energy audit that usually required for K-12 schools by the California Energy Commission. However, projects still must meet a cost effectiveness metric similar to California Energy Commission's K-12 program.

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<sup>13</sup> California Community Colleges Chancellor's Office. Revised 2014. California Community Colleges Proposition 39 Implementation Guidelines. 6. 2014

## Results from Completed Energy Projects

The CCEJA requires college districts that receive funding to provide the Chancellor's Office with final project data at project completion. The required data includes final project costs, verified energy savings for each project, and direct job creation and number of trainees. Based on this data, the community college system received \$40 million for FY 2012-13; \$37.5 million in FY 2013-14; and about \$38.7 million in FY 2015-16 totaling \$119.6 million. About 13 percent of the funds allocated to Community College Chancellor's Office is directed to the Division of Workforce and Economic Development department of the Chancellor's office and not towards Community College Chancellor's Office Energy Program; we will describe these workforce funds more thoroughly in Chapter 6.

Altogether, 135 projects have been completed on 69 community college campuses in the first two years of Proposition 39 funding, resulting in an annual savings of 17.4 million kWh of electricity and \$2.5 million in annual energy cost savings, with \$3.9 million in one-time energy incentives.<sup>14</sup> Additionally, the CCCCO Energy Program has created a total of 174 job-years (meaning one year of one job) from the 135 completed projects, and is estimated to create 487 job-years for the remaining 458 unfinished projects.<sup>15</sup>

In general, the projects at the state's community colleges look similar to those completed at the K-12 level, with lighting comprising between 50-60% of all projects, followed by HVAC and then control systems. See Table 5 for a breakdown of the closed out project types for the first two fiscal years 2013/14 and 2014/15.

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<sup>14</sup> Daniel Troy, Letter to Citizen Oversight Board, 30 October, 2015.

<sup>15</sup> Ibid., 2.

**Table 5: Closed-Out Project Types at the California Community Colleges as of October 2015**

Project Types	Year 1		Year 2	
	Count	Percentage of Year 1 Projects	Count	Percentage of Year 2 Projects
<b>Lighting</b>	73	60.33%	7	50.00%
<b>HVAC</b>	26	21.49%	3	21.43%
<b>HVAC Controls</b>	13	10.74%	3	21.43%
<b>Other</b>	5	4.13%	1	7.14%
<b>Retro-commissioning</b>	1	0.83%	0	0.00%
<b>Technical Assistance</b>	3	2.48%	0	0.00%
<b>Self-Generation</b>	0	0.00%	0	0.0%
<b>Monitoring-Based Commissioning</b>	0	0.00%	0	0.00%
<b>Total Projects</b>	<b>121</b>	<b>100%</b>	<b>14</b>	<b>100%</b>

Source: California Community College Chancellor's Office

## Results from In-Progress Energy Projects

As of October 2015, the CCCCCO currently has 458 energy projects in progress but not yet completed. These projects are projected to result in a further savings of 42.6 million kWh of electricity and over 1 million gas therms. It is estimated that this will achieve \$6.2 million in annual energy cost savings and \$9.2 million in energy incentives for the districts.

Table 6 provides a breakdown of the types of measures for all in-progress energy projects; again this is a similar breakdown as we see in the completed community college and K-12 projects.

**Table 6: In Progress Project Types as of October 2015**

Project Types	Year 1		Year 2		Year 3	
	Count	Percentage of Year 1 Projects	Count	Percentage of Year 2 Projects	Count	Percentage of Year 3 Projects
<b>Lighting</b>	97	55.43%	88	41.31%	36	51.43%
<b>HVAC</b>	28	16.00%	71	33.33%	17	24.29%
<b>Controls</b>	31	17.71%	30	14.08%	9	12.86%
<b>Other</b>	6	3.43%	4	1.88%	1	1.43%
<b>Retro-commissioning</b>	11	6.29%	6	2.82%	0	0.00%
<b>Technical Assistance</b>	0	0.00%	0	0.00%	0	0.00%
<b>Self-Generation</b>	2	1.14%	2	0.94%	1	1.43%
<b>Monitoring-Based Commissioning</b>	0	0.00%	12	5.63%	6	8.57%
<b>Total Projects</b>	<b>175</b>	<b>100%</b>	<b>213</b>	<b>100%</b>	<b>70</b>	<b>100%</b>

Source: California Community College Chancellor's Office.

## **CHAPTER 5:**

# **Loans and Technical Assistance Grants**

SB 73 makes clear that it was the intent of the legislature for CCEJA funds to be available to assist LEAs with financing opportunities and energy management capability, in order to help these entities better leverage Prop 39 funds. The State Energy Conservation Assistance Account-Education (ECAA-Ed) loan program and a part of ECAA-Ed, the Bright School Program, are implemented by the California Energy Commission for these purposes. Additional information for both of these programs is available in the Energy Commission's report in Appendix A.

## **Energy Conservation Assistance Account (ECAA) Loans**

The CEC's ECAA program is a revolving loan fund providing low interest and no-interest financing to eligible entities for energy efficiency, demand reduction, and generation projects. The program's current interest rate has been set to zero percent. In fiscal years 2013-14 and 2014-15, \$28 million Clean Energy Job Creation Funds were appropriated to the Energy Commission for low interest and no-interest revolving loans through ECAA-Ed Program. However, for FY 2015-16 this program has received zero funds.

All LEAs and community college districts eligible to receive Proposition 39 grant awards are eligible to apply for an ECAA-Ed loan. Examples of energy projects include lighting retrofits, HVAC replacements, and photovoltaic (PV) system installations. Loan repayments are based on energy cost savings and are made twice a year once the projects are complete. Loans are repaid to a maximum of 20 years. Each ECAA-Ed loan is approved at a California Energy Commission business meeting.

As of December 2015, 27 ECAA-Ed loans were approved by the Energy Commission totaling \$41.4 million of the \$50.4 million allocated from the California Energy Job Creation Fund to the California Energy Commission for loans. Of the 27 loans, only one loan recipient, Yuba Community College District, has completed its project installation. Their projects were installed on December 15, 2014. A table of the approved ECCA-Ed is available in Appendix A under the California Energy Commission's report in Appendix D.

## Bright School Program

Public Resources Code 25416 (d) authorizes the Energy Commission to set aside 10% of the Job Creation Funds for technical assistance to assist eligible entities identify Proposition 39 energy efficiency, demand reduction, and generation projects. In both fiscal years 2013-14 and 2014-15 Bright Schools received 2.8 million. It received zero funds for fiscal year 2015-16.

The Bright School Program assists public and nonprofit K-12 schools in identifying energy saving projects in existing and planned facilities before applying for their Prop 39 energy project funds. With the program, the California Energy Commission uses a competitive contract solicitation to select a prime contractor and a team of professional energy engineers to assist and support the objectives of the Bright Schools Program. The consultant then performs a detailed energy audit and will submit a draft feasibility report to the California Energy Commission. Table 10 shows the expenditures of the contract.

**Table 7: Technical Assistance Contract Expenditure Status**

Contract Amount Encumbered	\$4,800,000
Expenditures as of 12/31/2015	\$1,806,564
Balance in Existing Contract	\$2,993,436

Source: California Energy Commission

As of December 2015, \$1,806,564 has been spent on providing technical assistance to 90 LEAS and community colleges at a total of 221 sites to identify cost-effective energy projects. The technical assistance provided was comprehensive and included American Society of Heating, Refrigeration, and Air-conditioning Engineers (ASHRAE) Level 2 energy audits, preliminary energy project assessments, targeted audits, and professional engineering support services. These energy project recommendations represent an estimated savings of nearly 18.3 million kWh of electricity and 219,050 therms of natural gas annually, representing more than \$2.9 million in utility cost savings for program participants. The energy measures would require an investment of more

than \$44 million and are eligible for utility incentives of nearly \$1.65 million.



## **CHAPTER 6:**

# **Workforce Programs and Grants**

The California Clean Energy Jobs Act creates new demand for clean energy workers by allowing K-12 schools and community colleges to hire project teams where they might not otherwise have done so. The program also allocates funds directly to job training, with a goal of promoting job quality in these fields, not simply job quantity. These training programs are potentially feeders for California's growing clean energy economy, far beyond Proposition 39. The CCEJA workforce training programs take a multi-step approach in helping prepare California's workforce for clean energy jobs by focusing on entry-level training apprenticeship programs, practical technical assistance programs, and collaboration between regional partnerships. A more detailed look at the workforce programs is included in Appendix C and Appendix D.

## **California Workforce Development Board Apprenticeship Grants**

The California Workforce Development Board Apprenticeship Grant program has received \$3 million per year for the last three fiscal years to implement and support energy efficiency-focused “earn-and-learn” job training and placement programs that target disadvantaged job seekers. Local apprenticeship communities, local Building Trades Councils, workforce development boards, community colleges, the California Conservation Corps and other community-based organizations have all worked together to ensure the success of these training programs. The grants for these programs are aimed at three program elements comprised of technical assistance & capacity building, development, and training implementation. The first round of grants was awarded in February of 2014 with an expectation that approximately 300 individuals would complete training. In fact, more than 600 people have successfully completed the training.

### **Types of Grants**

The **grants for technical assistance and capacity training** are provided to regional, statewide, or stakeholder-based projects that add to or replicate a successful pre-apprenticeship training program, job placement effort, or service delivery strategy.<sup>16</sup> In other words, these grants are provided to workforce intermediaries and those providing technical assistance to high-quality job training programs. Announced in February of 2014 grant awards were made to the California Labor Federation- WED Program and the Emerald Cities Collaborative for technical assistance and capacity training.<sup>17</sup>

**Grants for development** are provided by the California Workforce Development Board for the development of new systems for future training implementation. This includes, e.g., analyzing where there might be occupational and training gaps in the applicant's region, or engaging with stakeholders to develop future workforce development infrastructure. The grants awarded for development went to the Workforce Investment Board of Santa Cruz County and the Marin County Building Trades.<sup>18</sup>

Finally, the **training implementation grants**, which make up most of the funds awarded to the California Workforce Development Board, are allocated to actual pre-apprenticeship training and job placement programs that have developed specific performance goals including the completion of the Multi-Craft Core Curriculum Training (MC3), achievement of a certificate, placement in a state certified apprenticeship, placement in continuing education, and/or placement in employment.<sup>19</sup> The grants were awarded to six entities including the Fresno Regional Workforce Investment Board, Los Angeles Trade Technical College, Richmond Workforce Investment Board, Sacramento Employment and Training Agency, San Francisco Conservation Corps, and work2future (Silicon Valley Workforce Investment Network).<sup>20</sup> The target population for each of these six partnerships is at-risk youth, defined as workers up to age 25, veterans, and other disadvantaged or disconnected job seekers.

## **Performance of the Training Programs**

Workforce programs such as those funded through the California Workforce Development Board's training implementation grants are

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<sup>16</sup> California Workforce Development. *Proposition 39 Pre-Apprenticeship Support Training and Placement Grants*. Nov 15, 5. RFA #72185

<sup>17</sup> Proposition 39 Pre-Apprenticeship Support, Training and Placement Grants, [http://cwdb.ca.gov/2014\\_Prop39\\_Grantees.htm.htm](http://cwdb.ca.gov/2014_Prop39_Grantees.htm.htm)

<sup>18</sup> Ibid.,1

<sup>19</sup> Ibid. 1

<sup>20</sup> Ibid.,1

generally measured by enrollment rates, completed training (which includes MC3 training), and job placement. Table 2 below gives a performance snapshot as of December 31, 2015 on the six partnerships providing pre-apprenticeship training and job placement. More information is available in Appendix C. *Note that a more detailed look at job creation under the California Clean Energy Jobs Act is provided in Chapter 7.*

**Table 7: Performance Snapshot of Training Programs as of Dec. 31st, 2015**

Project	Enrollment	Completed Training	Placement
Fresno Regional Workforce Investment Board	78%	84%	33%
Los Angeles Trade Technical College	106%	76%	48%
Richmond Workforce Investment Board	105%	98%	80%
Sacramento Employment and Training Agency	100%	63%	49%
San Francisco Conservation Corps	109%	79%	54%
work2future (Silicon Valley Workforce Investment Network)	112%	86%	52%
TOTAL	103%	81%	55%

Source: California Workforce Development Board

## California Community College Chancellor's Office Workforce Development Division Grants

The California Community College Chancellor's Office Proposition 39 Workforce Development program receives 12.8% of the overall funds given to the California Community College Chancellor's Office from the Job Creation Fund.<sup>21</sup> For FY 2013/14 the program received \$6 million, in FY 2014/15 the program received \$5.1 million, and for FY 2015/16 \$4.95 million.<sup>22</sup> The funds are designed to improve the skills of community college students to properly install and maintain energy efficient systems and equipment, and are divided into purchasing new equipment, creating and improving the curriculum for students, and providing professional development for faculty to support collaboration.

The grants are divided into five regional groups, with one college district acting as the lead fiscal agent for each group.<sup>23</sup> Each fiscal agent employs a project director who works to distribute funds to colleges in their region in an effort to improve instruction. Allocation of funds for each regional group for program improvement is based on a regional population formula.<sup>24</sup> Table 8 below is the five regional areas and the funding each area receives for the 2013/14 fiscal year.

**Table 8: Regional Area Funding Workforce Grants**

<b>Regional Area</b>	<b>Lead Fiscal Agent College</b>	<b>Program Operation Funding</b>	<b>Max. Program Improvement Funding</b>
North/Far North (Greater Sacramento, Northern Inland, Northern Coastal)	Mendocino College	\$350,000	\$330,598
The Bay Area (San Francisco/San Mateo, East Bay, North Bay Silicon Valley, Santa Cruz/Monterey)	Laney College	\$350,000	\$741,554
Central Valley, Mother Lode, South Central	Kern Community College	\$350,000	\$517,790
Los Angeles/Orange County	Los Angeles Trade & Technical College	\$350,000	\$1,141,712

<sup>21</sup> Chancellor's Office Workforce & Economic Development Division. *California Community Colleges 2013-2016 Summary on Prop 39*. March 16, 1

<sup>22</sup> Ibid., 1

<sup>23</sup> Division of Workforce and Economic Development *RFA Specification Number 13-177*, Dec 13, 4

<sup>24</sup> Division of Workforce and Economic Development *RFA Specification Number 13-177*, Dec 13, 5

San Diego/Imperial, Desert/Inland Empire	Cuyamaca College	\$350,000	\$518,166
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Source: Chancellor's Office, California Community College Division of Workforce and Economic Development

The overall program can be measured by an increase of student participation in community college energy efficiency related instructional programs, student completion of energy efficiency related programs, and enrollment in CalJOBS of students completing energy related certificates. For fiscal year 2013/14 6,276 students completed energy efficiency courses statewide, and in fiscal year 2014/15 this number increased to 7,022 students.<sup>25</sup>

Program operations also includes faculty development, where it is verified that 56 instructors statewide were trained on 2013 Title 24 Build code. It is also estimated that \$808,592 went to upgrading lab equipment for increased program improvement.

## California Conservation Corps - Energy Corps Program

Founded by Governor Brown in 1976, the California Conservation Corps and its Corpsmembers have spent more than 30 years engaging in Energy Efficiency (EE) and Renewable Energy (RE) projects and programs throughout California. In 2013 funding from the Clean Energy Job Creation Fund established the Energy Corps program, and since the beginning of 2014 has trained 491 Corpsmembers in Energy Opportunity Surveys. In both fiscal years 2013/14 and 2014/15 the CCC received \$5 million in funding for the program, and in fiscal year 2015/16 the CCC received 5.3 million in funding.

The Energy Corps goal is to open up new positions for young adults (aged 18-25) to gain experience within the rapidly expanding energy efficiency industry. The Energy Corps uses traditional training and on site services to provide energy opportunity surveys, retrofit projects, and energy efficiency classroom presentations to LEAs around the state.

To accomplish energy surveys Corpsmembers work under the direction of a California Conservation Corps staff supervisor to visit schools and collect information necessary to help identify energy-efficiency projects. Corpsmembers perform an American Society of Heating and Air-Conditioning Engineers (ASHRAE) compliant survey aimed at meeting the

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<sup>25</sup> Chancellor's Office Workforce & Economic Development Division. *California Community Colleges 2013-2016 Summary on Prop 39*. March 16, 1

data collection process of Proposition 39 guidelines defined by the California Energy Commission. This allows for the data from the surveys to be analyzed by the UC Davis Energy Efficiency Center or other energy efficiency firms to be put together for recommendations on energy-efficient projects at each school site. Since the beginning of 2014, the Energy Corps program has been responsible for 325 conducted ASHRAE compliant Energy Opportunity Surveys.

In mid-2015 the Energy Corps began providing Proposition 39 funded EE Lighting Retrofit Installation services for LEAs throughout the State and has provided 25 completed K-12 retrofits, with a calculated annual kWh savings of 929,350.

The Energy Core program is valuable in that it provides no-cost energy audits to smaller schools that may not have the resources required to hire an independent energy manager. Another avenue for smaller schools to help with energy manager costs is the “Bright Schools” program discussed in Chapter 6. There are now six California Conservation Corps Energy Corps Energy Opportunity Survey Crews operating statewide from California Conservation Corps Centers. Due to the very large volume of schools and buildings that have requested Energy Opportunity Surveys the Energy Corps program has had to stop accepting applications from LEAs in July of 2014. The current backlog of K-12 LEA requests for Surveys represent approximately 2.5 years of work if four California Conservation Corps Energy Corps Survey Crews are operational. More detailed information on the Energy Corps program is available in Appendix D.

# **CHAPTER 7:**

## **Job Numbers: Quality and Quantity**

### **California Workforce Development Board Jobs Report**

As noted earlier, one of the main public purposes of the California Clean Energy Jobs Act is to create and maintain jobs for Californians working on critical energy projects. By freeing up funds not already being spent on job creation in the state of California, the California Clean Energy Jobs Act has injected new funds into the schools and the private sector clean energy systems, allowing for new jobs that do not take away from some other sector. The Public Resource Code emphasizes that the program is intended to put Californians to work; promote the creation of new private sector jobs; and achieve the maximum amount of job creation and energy benefits with available funds.<sup>26</sup>

To this end, the Clean Energy Jobs Fund allocates resources to the California Workforce Development Board to establish training and apprenticeship programs, as described above in Chapter 6. The Workforce Development Board is required, but not separately funded, to collect, analyze, and report on the program's job creation on an annual basis. Funding for that work has been taken from the training and apprenticeship budget in lieu of separate funding.

The California Workforce Development Board's full report is attached here as Appendix E.

### **Benefits and Challenges of Job Reporting**

This job reporting is significant as it is the first time that any California clean energy program has ever required job accounting using actual payroll data rather than economic modeling. Because it relies on payroll data, however, the Workforce Development Board must work with the data that are available at the time of the reporting, which in this case is a very small amount. The program is still in its early stages, with only 18 completed projects in the K-12 program, the largest piece of the California Clean Energy Jobs Act (and the only part of the program under

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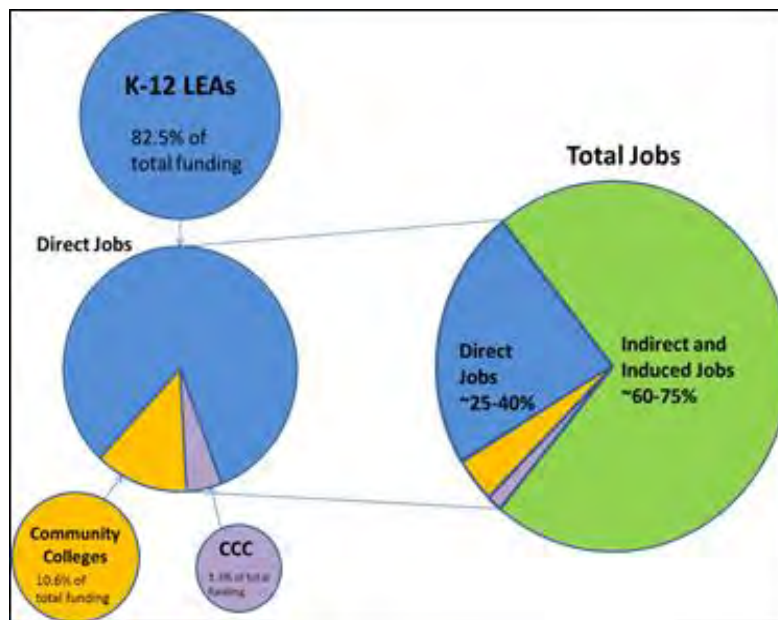
<sup>26</sup> California Public Resource Code § 26201

the purview of the Workforce Development Board). In addition, the program includes multiple agencies all with their own job reporting requirements, and it will take time to reconcile these systems to provide an accurate count.

But we do have a sense of what we will need to know going forward in order to provide an accurate account not only of the number of jobs on these projects, but also the likely “multiplier effect” of jobs that will be created in associated fields, as well as the type and quality of clean energy jobs that are being created across the state.

Figure 2 below shows that about one-third of the job creation under the California Clean Energy Jobs Act program will be in direct jobs in the schools themselves, working on the approved projects discussed above. The other two-thirds will be in “indirect” (e.g. those in the supply chain of the energy efficiency products being used in our schools) and “induced” (e.g. those who work in industries that benefit from increased spending capacity of construction workers, contractors, and others working on the California Clean Energy Jobs Act projects) jobs. A small proportion of jobs will also come from the community college and conservation corps programs, which has separate reporting requirements from the jobs created on K-12 project sites. The job estimates from these programs are discussed above in Chapters 4 and 6.

**Figure 2: Total Jobs of the California Clean Energy Jobs Act**



Source: California Workforce Development Board



## **Job Creation Estimates for the California Clean Energy Jobs Act**

Once more data are available, the Workforce Development Board will be able to calculate direct jobs created by the California Clean Energy Jobs Act from two sources:

1. Payroll records from K-12 construction projects, provided by the Department of Industrial Relations under their authority to collect timecard and payroll data for all public works projects in the state, and
2. Job estimates for direct jobs per million dollars of investment in Prop 39 projects based on secondary sources.

They will then use this direct number to calculate a job multiplier, i.e. the indirect and induces jobs, for the entire program. When Prop 39 was originally passed, before the enabling legislation that directed these funds specifically toward schools and put the per-pupil funding formula in place, some reports estimated the possible job creation using similar sources.<sup>27</sup> However, the Workforce Development Board estimates will be more precise, since they will be based on actual investment by industry and region. The WDB will also only count jobs created in California.

At the time of this report, full data on payroll and project costs is only available for 18 LEAs, accounting for just \$5.5 million or 0.6% of the total program funding allocation over the course of the California Clean Energy Jobs Act so far. This does not provide enough of a sample to project job creation across the program, especially since larger LEAs that are likely to do more comprehensive projects involving more workers are not part of the sample. These larger LEAs that receive more than \$1 million under the program will be required to allocate at least half of their funds to projects totaling \$250,000 or more--exactly the kind of projects likely to lead to more significant job benefits. This is also true of any LEA that decides to "bank" its 5 years of funding in order to do more expensive, and expansive, projects.

Given the lack of actual available data, the Workforce Development Board was only able to estimate, using widely-accepted modeling practices, the number of jobs that might result from Proposition 39 investments over the course of the program. (Once the payroll data come in, the Workforce Development Board will have a much better idea of whether these estimates are correct.) These models indicate a possible range of 2.5--8.9 jobs per million dollars of investment. Using those numbers, based on

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<sup>27</sup> Next Generation. *Proposition 39: Investing in California's Future*. Dec 11 2012, 4

the total allocation to LEAs, community colleges, and the California Conservation Corps under the California Clean Energy Jobs Act-- assuming corporate tax receipts stay generally within their current range-- is likely between 6,963 and 39,640 jobs (direct, indirect, and induced) over the period of this program.

### **Job Quality Under Proposition 39**

Given that many of the jobs created by Proposition 39 are prevailing wage construction jobs, the Workforce Development Board estimates that the program will create generally good-paying jobs with benefits. The Department has analyzed the job data from 51 LEAs that have provided information for Proposition 39 projects and found that:

All employees on K-12 LEAs receive wages higher than the workforce average as public funding triggers prevailing wage standards. Thus, investment into public infrastructure under Proposition 39 creates a ripple effect of associated benefits. Improved energy efficiency investment not only contributes to student and employee comfort, lower building maintenance and operating costs, and an extended lifetime for school buildings, but also provides family-supporting wages for construction workers and training programs that establish a pathway to middle class careers for apprentices.<sup>28</sup>

The California Workforce Development report makes clear that new, high-quality jobs are being created in California as a result of the new funds from Proposition 39 that have been injected into the state's schools and clean energy sectors. However, the report also highlights the benefits that are not measured by any current agency involved in this program: benefits to student and teacher health and the overall learning environment, for instance, or potential staff and teacher jobs gained because schools are able to save money on energy bills and add it to their operational budgets. Job counts alone do not highlight these potential savings.

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<sup>28</sup> The California Workforce Development Board. *Proposition 39 Jobs Reporting: Methodology and Innovation*. March 29 2016, 4

## CHAPTER 8:

# Overall Findings and Recommendations

As the Oversight Board for the entire California Clean Energy Jobs program, it is our responsibility to review each agency's data and reports, and to present the legislature with a summary of our findings along with our general recommendations for a stronger, more effective program. We do this in the full knowledge that we are limited by the current structure of the program--that is, we generally should not offer broad recommendations on the funding formula or the specific project guidelines--but also that we are the only part of the program that can look across agencies at the overall program and identify areas of potential improvement or change. We also acknowledge that we make these recommendations with only a very limited set of data from the few projects that have been fully completed under the program thus far.

That said, what follows are some general findings and recommendations from our board.

### Overview comments on the California Clean Energy Jobs Act:

1. **The California Clean Energy Jobs Act is still in its early stages, with limited data for true evaluation.** This program was slow to get off the ground due to the necessary legislative and regulatory process that followed the passage of Proposition 39. Projects have then progressed slowly due to the fact that most schools can only do construction when students are not on campus (primarily in the summer), and because the program guidelines require schools to collect 12-15 months of utility data to show energy savings in their final reports. Therefore this program cannot be judged as one that has been in existence since Prop 39 passed in November 2012. It is really only about two years old, with most projects far from final.
2. **Any program changes contemplated following this report should be implemented quickly.** Because of these long lead times for projects, any changes coming out of these, or other, recommendations must be implemented quickly, in order to have any impact on the schools now contemplating or beginning their CCEJA projects. We have heard the following constraints during testimony and public comment at our meetings:

- Schools typically schedule construction projects for the Summer months to avoid disrupting school activities;
- Construction project budgets and contracts are typically approved by schools in the early part of each calendar year;
- The planning and application cycle for projects typically comprises a year or more to complete required studies and engineering analyses;
- The combined timelines of planning, applying, budgeting, approving, and contracting Prop 39 projects imposes a 18- to 24-month lead time in advance of projects actually entering construction;

Thus, as it is now 2016, any program changes made that do not take effect immediately are unlikely to have any impact on actual project applications and use of Prop 39 funds given the program's end date of 2018.

### **Specific Conclusions from the Agency Reports:**

1. **There is a striking difference between the California Community College program, which has gotten underway very quickly with many campuses completing projects, and the K-12 program, which has been much slower.** It is clear from the reports and from public testimony and comment to our board that a major reason for this is that the funding for the community colleges is centralized through the Chancellor's office, which already had a list of proposed projects in hand when it received these funds. This kind of centralized planning is likely only possible in the K-12 program in the largest LEAs, which have the resources from the CCEJA as well as the current technical support on energy and facility issues to run major projects in-house.
2. In the K-12 program, we are struck by **how much of the funding is still unspent because it has not been claimed by LEAs.** We note that a significant chunk of these funds are unclaimed by charter schools, which individually act as LEAs. Is this because many charter schools rent their facilities, or because they are not always sure of their existence year-to-year, or simply due to the fact that individual schools may not have the resources or capacity to apply for funds? In the public school category, are the unspent funds mostly in LEAs that are small and under-resourced, or large and

waiting to bank their CCEJA project dollars? We would like to see more analysis from the Energy Commission on this question.

3. Similarly, we are struck by the **difficulties faced by small and under-resourced schools in accessing CCEJA funds**. During at least two of our meetings, we have heard in testimony or public comment from school representatives who say many small, and especially rural, schools don't have facilities managers, let alone energy managers, on staff. Even with the support of the no-cost Conservation Corps audits, these schools do not always have the capacity or technical ability to complete complex project proposal documents. In addition, these schools a) are the smallest on a per-pupil basis, so receive the least funding under the CCEJA formula; b) may not be good prospects for consultants looking to help schools manage energy projects given the small size of these grants; and c) often have years of deferred maintenance making it hard to meet the savings-to-investment ratio set out by the Energy Commission.

For example, we heard at one meeting from a representative of the Twin Rivers district, who talked about schools without working HVAC systems where students were sitting in class wearing gloves and coats in the cold. Under the CCEJA guidelines as written, these schools would have had a hard time justifying a new HVAC system, which technically would have *added* energy consumption rather than saved it. Luckily, the Energy Commission staff was able to work with Twin Rivers to make the project fit the guidelines. But what about the many other small schools potentially in similar circumstances that might not even try to apply for these funds? Schools facing deferred maintenance that they can't resolve using CCEJA funds, and who lack local bond funding to resolve these issues, may therefore be barred from using CCEJA funds. This would be a real issue with the program, if true, since these are likely some of the schools most in need of energy upgrades.

4. In a related point, **we note that the vast majority of projects in both the K-12 and Community College programs are for lighting and HVAC**. This makes some sense because these are major energy costs for schools, but we wonder whether it is also due to the fact that these projects have a relatively short payback period as opposed to, say, new windows or building envelope work. We wonder whether it is possible that the savings to investment ratio is discouraging "deeper" retrofits.

## **COB Recommendations:**

1. **Focus on reaching smaller, disadvantaged schools with CCEJA funds.** We would like the program to do a better job reaching these schools, which we suspect may be most in need of the kind of energy retrofits and clean energy projects envisioned under Proposition 39. We recommend several potential actions:
  - a. Consider aggregating smaller LEAs under larger recognized entities, such as the County Offices of Education, and channeling funds through these better-resourced and more centralized bodies.
  - b. Consider allocating some funding from the CCEJA for better tracking of program participation among disadvantaged LEAs, and (if warranted) for stronger outreach to these schools. Outreach could include specific information on the availability of funds for technical assistance and project costs both within and outside the CCEJA.
  - c. Consider restoring funding to the ECAA and Bright Schools programs of the Energy Commission, both of which specifically support disadvantaged schools through no-interest loans and technical assistance grants. Consider funding the loan program in particular using unspent CCEJA funds, as the loans can be repaid into the program and thus will not lose the program any actual funding (especially as schools notoriously have zero or near-zero default rates).
  - d. Consider addressing the major backlog in requests for no-cost energy surveys from the California Conservation Corps by supplementing this program through outside funds (ideally not by shifting program dollars from another part of the CCEJA programs already in existence).
2. **Related to the above, ask the Energy Commission to consider tweaking the regulations to allow schools to purchase new higher-efficiency HVAC using CCEJA funds.**
  - a. During the 2008-2013 Fiscal Years, the great majority of LEAs did not have the finances to replace old, poorly performing HVAC and other mechanical units. As a result,

many LEAs have looked to the CCEJA as one means to address the backlog of these deferred maintenance needs.

- b. However, as mentioned above, the savings to investment ratio for these high capital cost items generally fall below the Energy Commission's requirements. As a result, in order to use CCEJA funds for these measures, the applicant either needs to add other higher-savings items to the plan or contribute other outside funds to the projects to offset program costs.
  - c. An unintended consequence of this is that wealthier school districts can more easily replace HVAC units than disadvantaged schools.
  - d. The Board recommends asking the Energy Commission to consider allowing "disadvantaged districts", e.g. those who have a Title 1 population above a reasonable amount, to have a lower savings to investment threshold specifically for replacing old HVAC systems with new higher-efficiency equipment.
- 3. Consider asking the Energy Commission to re-examine the rules restricting the size of solar power systems allowed under the CCEJA.**
- a. Existing guidelines impose a cap on eligible solar power system sizes at 70% of the LEA's current load. LEAs and contractors have noted during our board meetings that this approach to project sizing may prevent schools from realizing the benefits of a solar power system that has been properly optimized in relation to future load once all the planned improvements have been made (e.g. once other efficiency measures have been put in place).
  - b. The Board recommends asking the Energy Commission to re-examine this cap, and instead allow applicants to use industry-standard system-sizing and load-forecasting methodologies to optimize solar power system sizes to meet future anticipated load that includes all planned improvements.

4. **Leverage more of the CCEJA dollars through loans rather than spending only on outright grants.** As noted above, schools are a good bet for government loans. Energy projects are also a good focus for loan programs as they result in energy savings that can be used to pay back the loans. One approach might be to take a portion of the unspent CCEJA funds each year and place them in a revolving loan fund or a loan guarantee program. This would allow schools to apply for loans to fund energy efficiency projects; schools would pay back the loans to the fund or bank using energy savings (thus school budgets would not be negatively impacted). The refreshed funds would then be available to fund new projects. Other possible approaches to leverage are loan guarantees so over time each tax dollar would be leveraged many times over to provide a low-cost funding mechanism for EE improvements to schools.
5. **Allocate funds to track, or at least evaluate based on surveys and case studies, how LEAs are reaping benefits beyond the energy cost savings and jobs created.** For example: do teachers/students report better teaching/learning environments as a result of the improved lighting/heating/etc? Are the benefits of Prop 39 even perceptible to the average student/teacher at the affected schools? Are schools able to track the non-energy jobs that have been created or saved due to energy savings that have been put back into operational budgets? As a volunteer board committed to making this as strong a program as possible, we are very interested in these issues but do have the resources to pursue them.
6. **Allocate actual funds to the Workforce Development Board to perform its job creation analysis and reporting functions under CCEJA,** which it is currently doing without additional support from Proposition 39 funds. If one of the major goals of the CCEJA is job creation, and if we want to take advantage of the fact that this is the one California clean energy program that is actually able to track jobs using real payroll data and not simply modeling estimates, we need to fund the people who are doing this work.
7. Finally, **consider funding the program beyond the initial 5-year period.** This program has been slow to start but is showing great promise. We hope that it can be extended, ideally with some of these reforms in mind.



Thank you so much for allowing us to present this report to you. We hope it has provided a good overview of the California Clean Energy Jobs Act to date, and that our findings and recommendations are useful to you as you decide how to structure and manage the program going forward.

APPENDIX A: ENERGY COMMISSION - PROPOSITION 39: CALIFORNIA  
CLEAN ENERGY JOBS ACT, K-12 PROGRAM AND ENERGY  
CONSERVATION ASSISTANCE ACT 2013-2015 PROGRESS REPORT

**CALIFORNIA ENERGY COMMISSION**

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March 22, 2016

Ms. Kate Gordon, Chair  
Citizens Oversight Board  
1500 5th Street, MS#51  
Sacramento, CA 95814

Dear Ms. Gordon:

The California Energy Commission is pleased to share with you the first Proposition 39: California Clean Energy Jobs Act, K-12 Program and Energy Conservation Assistance Act 2013-2015 Progress Report. This report summarizes the status of both programs for use by the Citizens Oversight Board in the development of the Board's annual report to the Legislature.

During the first three years of the Proposition 39 K-12 program, 2,136 local educational agencies were allocated \$973 million. As of December 31, 2015, the Energy Commission approved 714 eligible energy projects, representing 2,462 school sites totaling nearly \$500 million. Once these projects are completed, the Energy Commission estimates that 203,958,193 kWh, 1,380,029 therms, 77,505 gallons of propane, and 67,198 gallons of fuel oil will be saved annually. These estimated energy savings represent approximately \$37,250,772 in annual energy cost savings.

Of the 714 approved projects, 17 projects have filed completed project reports with the Energy Commission, reporting 12 months of post installation school site energy use data. These 17 completed projects represent \$8.6 million in gross project costs, with \$6.2 million being funded by the Proposition 39 K-12 program. Reported savings from the local educational agencies that completed these projects include 3,005,227 kWh and 3,352 therms. In addition, 96 eligible energy projects have completed construction and are scheduled to submit completed project final reporting information within the required 12-15 months after project completion.

The Energy Conservation Assistance Act-Education Subaccount (ECAA-Ed) was allocated \$56 million from Proposition 39 in fiscal years 2013-14 and 2014-15 with \$50.4 million providing direct funding for the Energy Commission's zero interest loan program and \$5.6 million funding technical assistance for the Bright Schools Program. As of December 31, 2015, the Energy Commission has approved 27 loans representing \$41.4 million and our Bright Schools Program has disbursed \$1.8 million providing technical assistance to 90 local educational agencies and community college districts to identify and scope cost-effective eligible energy projects.

Citizens Oversight Board  
March 22, 2016  
Page 2

As the Energy Commission looks forward to the program's continued growth, challenges remain. One challenge is there will likely be local educational agencies with remaining funding at the end of the program. Charter schools are not participating at the same rate as public school districts and some local educational agencies struggle to meet the cost effectiveness criteria due to low electricity rates, low energy cost, or previous solar installations.

Funding made available by Proposition 39 is providing California schools with a unique opportunity to invest in energy efficiency improvements and on-site clean energy generation, helping to save energy, reduce energy costs and greenhouse gas emissions, create jobs and improve the classroom learning environment for students and educators. The results from the Energy Commission's Proposition 39 funded programs have been positive and we expect further success in the remaining years of the programs.

Sincerely,

A handwritten signature in blue ink, appearing to read 'R. P. Oglesby', with a long horizontal stroke extending to the right.

Robert P. Oglesby  
Executive Director

cc: Andrew McAllister, Commissioner  
Jack Bastida, Citizens Oversight Board  
Dave Askuckian, California Energy Commission  
Armand Angulo, California Energy Commission  
Elizabeth Shirakh, California Energy Commission

California Energy Commission  
**COMMISSION REPORT**

# **Proposition 39: California Clean Energy Jobs Act, K-12 Program and Energy Conservation Assistance Act 2013-2015 Progress Report**

**California Energy Commission**  
Edmund G. Brown Jr., Governor



March 2016 | CEC-400-2016-004-CMF

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## DISCLAIMER

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## ABSTRACT

The California Energy Commission prepared this report to the Citizens Oversight Board in accordance with Proposition 39 (2012), Senate Bill 73 (Committee on Budget and Fiscal Review, Chapter 29, Statutes of 2013), adopted by the Legislature and signed into law by Governor Edmund G. Brown Jr. on June 27, 2013. To alleviate the burden to local educational agencies (LEAs), information required to be reported to the Citizens Oversight Board from LEAs is contained in this report and detailed in the appendices.

**Keywords:** Proposition 39, California Clean Energy Jobs Act, Job Creation Fund, Senate Bill 73, Citizens Oversight Board, energy efficiency, clean energy, conservation, school, local educational agency

Bucaneg, Haile, Joji Castillo, Amir Ehyai, Cheng Moua, Elizabeth Shirakh. 2016. *Proposition 39: California Clean Energy Jobs Act, K-12 Program and Energy Conservation Assistance Act 2013-2015 Progress Report*. California Energy Commission, Energy Efficiency Division. Publication Number: CEC-400-2016-004-CMF.

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# EXECUTIVE SUMMARY

## Purpose of the Report

This document is the California Energy Commission's first progress report to the Citizens Oversight Board. The report covers the period from December 19, 2013, when the *Proposition 39: California Clean Energy Jobs Act - Program Implementation Guidelines* were approved, to December 31, 2015.

This report provides background on the Proposition 39: California Clean Energy Jobs Act K-12 program and a summary of approved energy expenditure plans, completed projects and projects soon to be completed, as reported by local educational agencies. In addition, this report includes information on the California Energy Commission's revolving loan program known as the Energy Conservation Assistance Act - Education Subaccount (ECAA-Ed) and the Bright Schools Program. Both programs were appropriated funds from the Clean Energy Jobs Creation Fund created by Proposition 39.

Other Proposition 39 program entities such as the California Community Colleges Chancellor's Office, the California Workforce Development Board, and the California Conservation Corps report independently to the Citizens Oversight Board.

## Clean Energy Jobs Act Overview

The Clean Energy Jobs Creation Fund (Proposition 39) provides funding for planning and installing eligible energy projects, such as energy efficiency measures and clean energy generation at schools K-12. Proposition 39 changed California's corporate income tax code and allocates projected revenue to the General Fund and the Clean Energy Job Creation Fund for five fiscal years, beginning with fiscal year 2013/2014.

Following the passage of Proposition 39, the state Legislature enacted Senate Bill 73 (Committee on Budget and Fiscal Review, Chapter 29, Statutes of 2013), designating the Energy Commission as the lead agency for implementing Proposition 39 in consultation with the California Department of Education, California Community Colleges Chancellor's Office, California Public Utilities Commission, California Workforce Development Board, the Division of the State Architect, the California Department of Industrial Relations, and the California Conservation Corps.

The Energy Commission is primarily responsible for administering the Proposition 39 K-12 program and reviews and approves K-12 energy expenditure plan applications, enabling local educational agencies to implement cost-effective eligible energy projects – energy efficiency measures and clean energy generation.

In addition, the Energy Commission was appropriated funding by the Legislature from the Clean Energy Job Creation Fund to enhance its energy efficiency revolving loan program for K-12 schools and community college districts. Finally, the Energy Commission also received funding for its Bright Schools program, which provides energy project planning services for K-12 schools and community college districts.

## Appropriation Summary

Fiscal years 2013/14, 2014/15, and 2015/16 Clean Energy Job Creation fund appropriations for the Energy Commission's programs are summarized in the table below.

**Table 1: Clean Energy Job Creation fund – Overview of Energy Commission Appropriations (2013/14, 2014/15 and 2015/16)**

	<b>FY 2013/14</b> <i>(in millions)</i>	<b>FY 2014/15</b> <i>(in millions)</i>	<b>FY 2015/16</b> <i>(in millions)</i>	<b>TOTALS</b>
K-12 Program	\$381	\$279	\$313.4	<b>\$973.4</b>
ECAA-Ed: (Energy loans and technical assistance )	\$28	\$28	\$0	<b>\$56</b>
<b>TOTALS</b>	<b>\$409</b>	<b>\$307</b>	<b>\$313.4</b>	<b>\$1,020</b>

Source: California Energy Commission

## Results

Over the last three years the Energy Commission has served as the lead administrator for the Proposition 39 K-12 program. Energy Commission deployed two Proposition 39 programs; the Proposition 39 K-12 program and the Energy Conservation Assistance Act-Education Subaccount.

The Proposition 39 K-12 program approved 714 energy expenditure plans (EEPs), totaling nearly \$500 million, assisted local educational agencies with the development of these plans, and began collecting reported data from LEAs on the status and completion of their approved eligible energy projects. The Proposition 39 K-12 program had 17 local educational agencies complete eligible energy project installation and provide final project completion reports. These completed EEPs represent \$8.6 million in total gross project costs. Of this amount \$6.2 million was provided by the Proposition 39 K-12 program with the remaining \$2.4 million provided by leveraged funding the LEAs contributed to the projects. The reported annual energy savings for these 17 completed projects total 3,005,227 kilowatt hours (kWh), and 3,352 therms, which is equivalent to approximately 1,056 tons of greenhouse gas emissions. Finally, analysis from these

reports shows that the combined savings-to-investment ratio (SIR) for these 17 projects is 1.26. For every \$1.00 invested, \$1.26 is estimated to be saved.

An additional 96 local educational agencies have reported that eligible energy projects are completed and will submit a final project completion report within the next 15 months.

The Energy Conservation Assistance Act - Education Subaccount approved 27 loans to local educational agencies and California community college districts, representing a total of \$41.4 million. One loan project has completed installation and a final report for this project is expected later this year.

And finally, through the Energy Conservation Assistance Act - Education Subaccount's Bright Schools program, technical assistance was provided to 90 local educational agencies and California community college districts totaling \$1.8 million to identify cost-effective energy projects.

### **Program Challenges**

The design and administration of the Proposition 39 K-12 program have not been without challenges, but the Energy Commission, working with its sister agencies, the Legislature, Governor's Office, and stakeholders, has addressed the challenges to ensure that the program delivers the intended energy and costs savings, job creation, and a reduction in greenhouse gas emissions. Despite the Energy Commission's commitment to deliver an effective program, some challenges remain.

The biggest challenge is there will likely be local educational agencies with remaining Proposition 39 K-12 funding balances at the end of the program. This is due to several issues including:

- 1) The lack of charter school participation;
- 2) Low electricity rates in some areas of California make it difficult for local educational agencies to identify projects that meet the required cost-effectiveness metric, savings-to-investment ratio;
- 3) Some smaller local educational agencies will likely not be able to identify enough eligible energy efficiency measures or clean energy generation to use their entire Proposition 39 K-12 program allocation; and
- 4) The June 30, 2018, local educational agency encumbrance date requirement could potentially limit the length of the program. To encumber funding a local educational agency must enter into a contract. As a result, local educational agencies will need all energy expenditure plan requests approved months before June 30, 2018. This has potential impacts to the fifth year of the program.

For the reasons listed above, there will likely be local educational agencies with remaining Proposition 39 K-12 funding balances at the end of the program. The Public Resource Code is silent on unused Clean Energy Jobs Creation Fund allocations.

# CHAPTER 1:

## Proposition 39 K-12 Program

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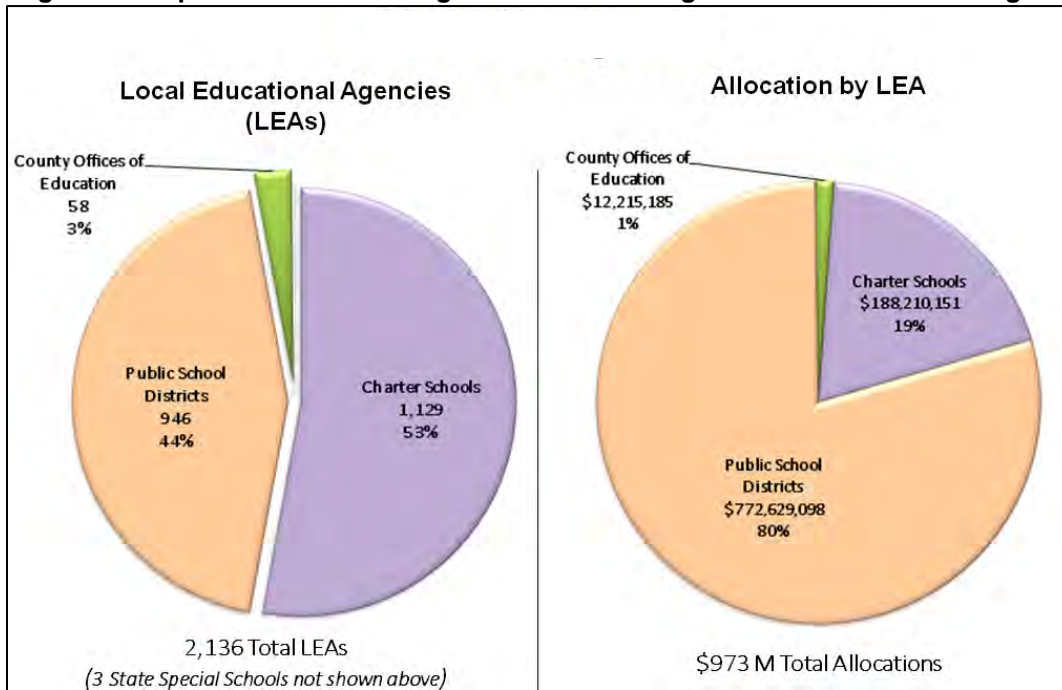
### Background

The Proposition 39 K-12 program funds eligible energy projects – energy efficiency measures and clean energy generation – at schools within a local educational agency (LEA) that include: public school districts, charter schools, county offices of education, and state special schools. The Energy Commission reviews and approves energy expenditure plans (EEPs) and notifies the California Department of Education (CDE) to distribute the funding from the Clean Energy Jobs Creation Fund to LEAs.

There are 2,136 eligible LEAs and in the first three fiscal years (2013/14, 2014/15 and 2015/16) the Proposition 39 K-12 program was appropriated \$973 million.

The pie graphs below summarize the distribution of funds to LEAs and the associated funding allocation for the first three fiscal years (2013/14, 2014/15 and 2015/16) of the Proposition 39 K-12 program.

**Figure 1: Proposition 39 K-12 Program – LEA Funding Distribution and Funding Allocation**



Source: California Energy Commission

## Implementation Overview

The Proposition 39 K-12 program began six months after Governor Edmund G. Brown Jr. signed legislation, Senate Bill 73 in June 2013. Immediately after enactment of Senate Bill 73, the Energy Commission fast tracked program implementation and began a comprehensive public process to design and develop the program and the implementation guidelines. Statewide outreach efforts included five public meetings and three webinars, resulting in more than 500 participants and 180 docket submittals (13-CCEJA-01). On December 19, 2013, the Energy Commission adopted the *Proposition 39: California Clean Energy Jobs Act – 2013 Program Implementation Guidelines*<sup>1</sup>.

Once the guidelines were adopted, the Energy Commission continued to expedite program implementation and in January 2014, just one month after approving the guidelines, the program released the required EEP application forms, program handbook, and energy savings calculators; established an electronic submission process; hired and trained Energy Commission staff; provided 10 training seminars and two webinars that reached more than 800 LEAs statewide; and established a program hotline contact call center.

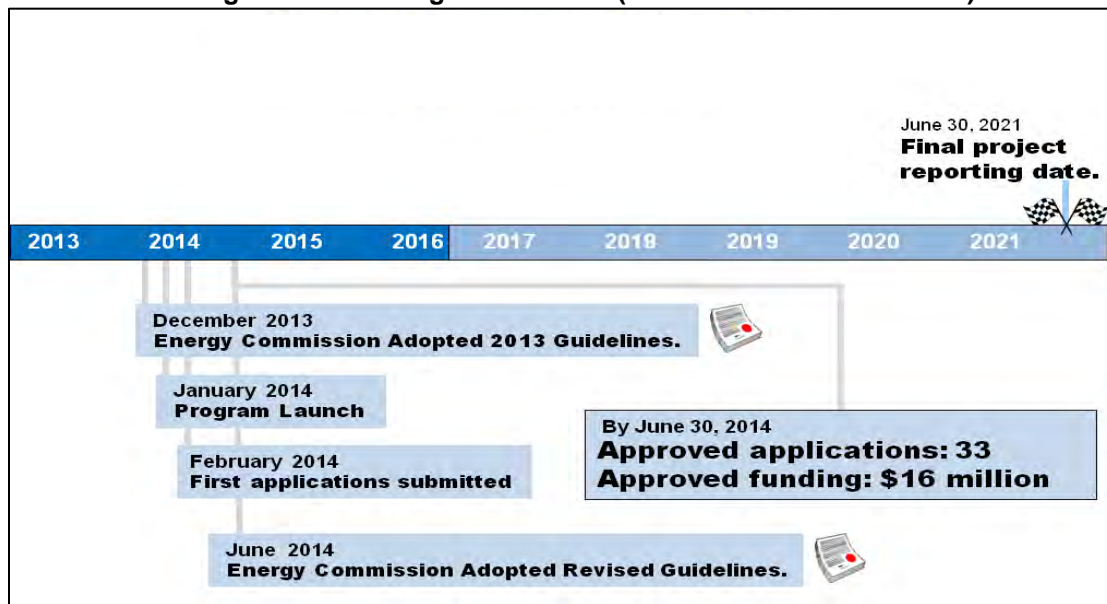
The Energy Commission received the first EEPs in February 2014, and by the end of June 2014, 33 EEPs were approved, totaling \$16 million. Moreover, the Energy Commission revised the guidelines in June 2014, which included the establishment of requirements for charter school participation in the program. These adjustments were based on feedback received from extensive outreach.

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<sup>1</sup> Bucaneg, Haile, Pierre duVair, Cheng Moua, Justin Regnier, Keith Roberts, Elizabeth Shirakh, Joseph Wang. 2013. *Proposition 39: California Clean Energy Jobs Act – 2013 Program Implementation Guidelines*. California Energy Commission, Energy Efficiency Division. Publication Number: CEC-400-2014-022-CMF. <[www.energy.ca.gov/2014publications/CEC-400-2014-022/CEC-400-2014-022-CMF.pdf](http://www.energy.ca.gov/2014publications/CEC-400-2014-022/CEC-400-2014-022-CMF.pdf)>



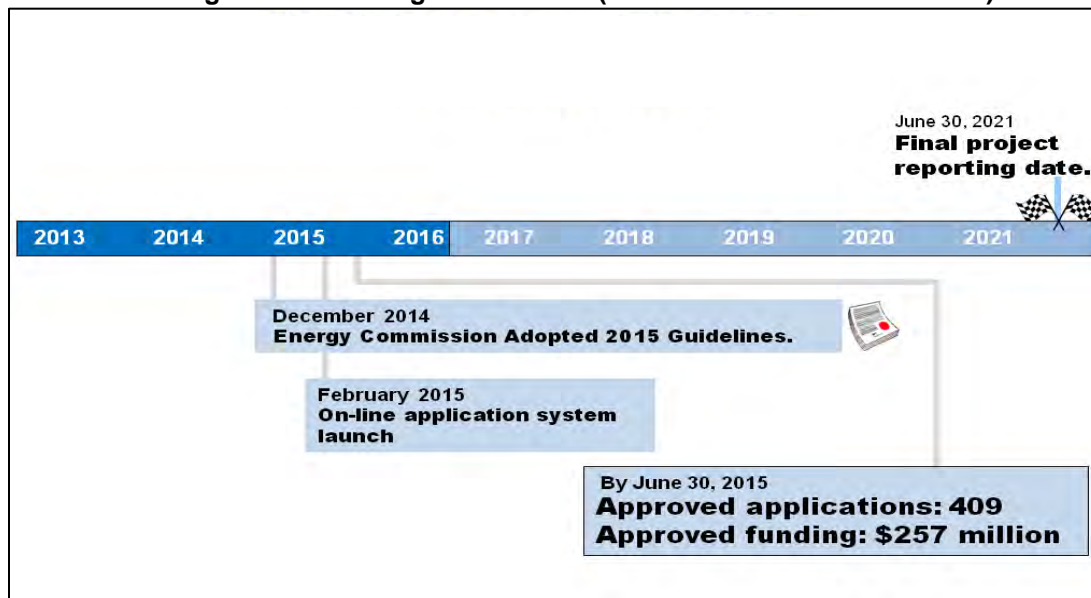
**Figure 2: K-12 Program Timeline (First Fiscal Year 2013-2014)**



Source: California Energy Commission

In the second fiscal year, 2014/15, the Energy Commission updated the guidelines, and revised guidelines were approved in December 2014, providing further guidance and clarification to LEAs. The biggest change was the definition of an eligible energy project. LEAs could now bundle a group of eligible energy measures and clean energy installations at more than one school site within an LEA. All eligible energy projects must achieve a minimum savings-to-investment ratio (SIR) of 1.05. The second major change was a revision to the SIR, allowing LEAs to leverage additional funding. Non-repayable leveraged funds could now be subtracted from the project installation cost used in the SIR calculation, essentially providing a pathway for LEAs to "buy down" the SIR cost effectiveness requirement. Both these changes provided more flexibility for LEAs to meet the SIR requirement. To improve LEA program accessibility, in February 2015, the Commission internally developed and deployed a user-friendly online EEP submittal system. By the end of June 2015, 409 EEPs were approved, totaling \$257 million.

**Figure 3: K-12 Program Timeline (Second Fiscal Year 2014-2015)**



Source: California Energy Commission

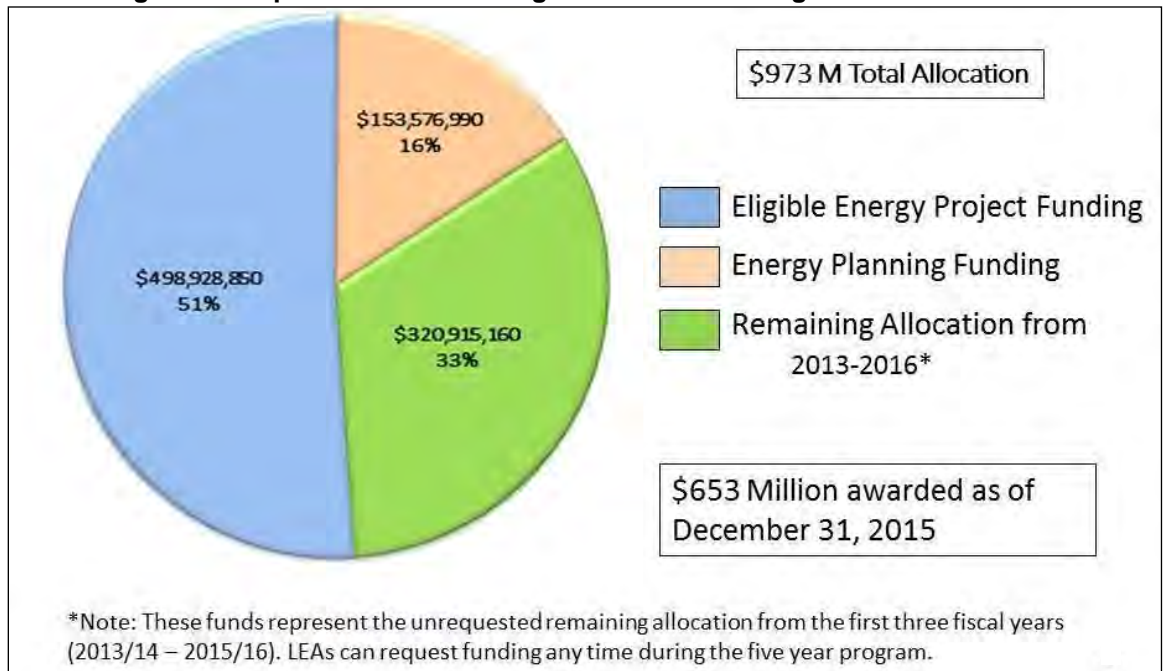
In fall 2015, the Energy Commission created and released a reporting module to its online EEP system, allowing LEAs to submit electronically the required annual progress reports and final completed project reports, as required under Senate Bill 73. LEAs began submitting annual progress reports in November 2015. LEAs will continue to submit these reports each year until the end of the program. LEAs are required to submit final completed project reports one year to 15 months after they complete their eligible energy projects approved in their EEPs. Projects are required to be completed by June 30, 2020, with all final completed project reports due no later than June 30, 2021.

## Summary of Approved Energy Expenditure Plans

The Energy Commission launched the Proposition 39 K-12 program on January 31, 2014. The program requires that LEAs request funds for eligible energy projects through submitting an EEP that is reviewed and approved by the Commission. LEAs were able to begin submitting EEPs on January 31, 2014. As of December 31, 2015, the Commission has approved 714 EEPs, totaling nearly \$500 million.

Figure 2 illustrates the overall funding status of the Proposition 39 K-12 program. As of December 31, 2015, nearly \$653 million has been awarded through the program: \$499 million for eligible energy projects and \$154 million for energy planning. As the program is still in the early stages, growth will continue in approved expenditures as more LEAs complete their energy planning and submit EEPs to the Energy Commission for review and approval.

**Figure 4: Proposition 39 K-12 Program Overall Funding Status**



Source: California Energy Commission

The table below summarizes for each fiscal year the total number of EEPs approved, the number of school sites, and the amount of funding approved.

**Table 2: EEPs Approved by Fiscal Year (as of December 31, 2015)**

Fiscal Year	# of EEPs Approved	# of School Sites	Funding Approved
2013-14	33	78	\$16 million
2014-15	409	1,328	\$257 million
2015-16 (through Dec. 2015)	272	1,056	\$226 million
<b>Total</b>	<b>714</b>	<b>2,462</b>	<b>\$499 million</b>

Source: California Energy Commission

In May 2015, the Energy Commission developed and implemented an EEP implementation change process. Eligible energy project changes are sometimes unavoidable. LEAs with significant changes to approved EEPs are required to submit significant changes for approval by the Energy Commission via an amendment process. Significant changes include adding or deleting eligible energy efficiency measures and clean energy

generation not included in the approved EEP, an eligible energy project cost increase or decrease by more than 15 percent, and a change of more than 15 percent in the approved equipment quantity installed. By December 31, 2015, the Energy Commission had approved 28 EEP amendments, totaling 111 school sites from LEAs requiring changes to previously approved EEPs.

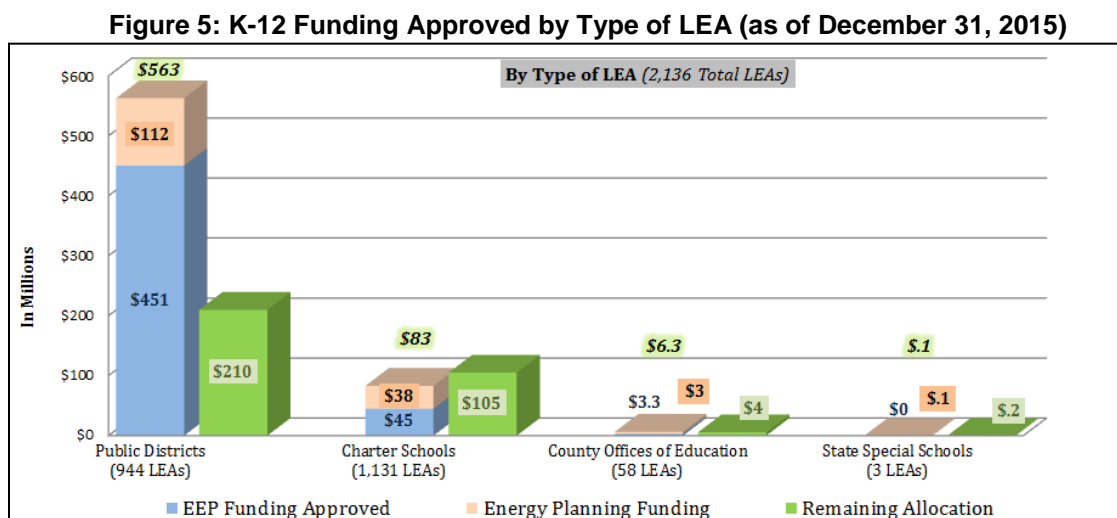
## Energy Planning Funding Summary

Energy planning is required to effectively identify and prioritize long-term and cost-saving energy projects. Energy projects are complicated, and many LEAs need assistance planning for the development of these projects. Providing funding for energy planning is critical and becomes the foundational element of an LEA's EEP.

As of December 31, 2015, energy planning funding was \$154 million of the total allocated funding. Over time, this category will decrease in percentage of the total as plans are developed and more funding is approved for eligible energy projects. This is because LEAs can request energy planning funding only in their first year of K-12 program eligibility. LEAs request energy planning funds directly from the CDE.

## Funding Approved by Type of LEA

Of the total 2,136 LEAs there are four types: public school districts, charter schools, county offices of education, and three state special schools. The bar graph below highlights the funding status for each category of LEA and shows the distribution of approved EEP funding.



Source: California Energy Commission

The majority of the approved EEPs have been for public school districts, with \$451 million awarded for eligible energy project funding and \$112 million for energy planning funding.

Charter schools have the second most eligible energy projects approved, with \$45 million in approved EEP funding, about 9 percent of the Energy Commission's approved EEPs. Although charter schools represent 53 percent of the eligible LEAs in the program, their allocation is only 19 percent of total funding. This is because LEAs defined as charter schools are typically individual school sites and are smaller, so they receive smaller funding allocations. LEAs defined as public school districts typically have multiple school sites and are larger; they receive a much larger allocation of funding.

The third category of LEAs is county offices of education, with \$4.2 million in approved EEPs and \$3 million in energy planning funding. This category represents about 1 percent of the total eligible energy projects funded to date.

The final category of LEAs is state special schools. These schools provide comprehensive educational programs for students who are blind, visually impaired, or deaf. These three LEAs have a combined allocation of \$300,000 to date. All three schools are in the final stages of their energy planning. All three anticipate submitting EEPs for funding in spring 2016.

## **Eligible Energy Measures**

Each approved EEP (energy project) can represent multiple eligible energy measures – energy efficiency measures and clean energy generation – across multiple school sites within an LEA. This resulted in the installation of thousands of energy efficiency measures and clean energy generation at school sites throughout the state. Nearly 60 percent of the approved energy measures are lighting and lighting controls; about 30 percent fall into the categories of heating, ventilation, and air conditioning (HVAC) controls measures; and the remaining 10 percent are in various other categories such as plug loads, pumps, motors, building envelope, and solar photovoltaic (PV) generation.

**Table 3: Summary of Eligible Energy Measure Categories (as of December 31, 2015)**

<b>Eligible Energy Measure Categories (as of December 31, 2015)</b>	<b>Total Number of Measures Approved</b>
Lighting and Lighting Controls	5,244
HVAC and HVAC Controls	2,427
Plug Loads	603
Renewable Generation (PV)	235
Pumps, Motors, Drives	205
Building Envelope	123
Domestic Hot Water	122
Kitchen – High-Efficiency Appliances and Equipment	28
High-Efficiency Transformers	15
Energy Storage	11
Pool Covers and Pool Pump Controls	5
Renewable Power Purchase Agreements	3
Irrigation – High-Efficiency Sprinklers and Pump Controls	3
<b>TOTALS</b>	<b>9,024</b>

Source: California Energy Commission

## **Cost-Effectiveness Criteria: Savings-to-Investment Ratio (SIR)**

The Public Resources Code requires all projects shall be cost-effective and that the Energy Commission establish the cost-effectiveness determination. The Commission established the SIR as the cost-effectiveness determination for Proposition 39 K-12 program eligible energy measures and clean energy generation. The SIR is calculated based on net present value of savings divided by project installation cost subtracting project rebates and other non-repayable funds.

To be eligible for funding, an EEP must have an SIR of 1.05 or higher. This ratio compares the investment the LEA will make with the savings the LEA will achieve over time – for every \$1 invested, a minimum of \$1.05 must be saved over time. Savings include energy cost savings and a fixed maintenance savings of 2 percent of total project installation cost. Finally, non-energy benefits such as enhanced comfort, better indoor air quality and improved learning environment are also considered in the SIR calculation. Non-energy benefits are valued at a fixed 5 percent of the total project installation cost.

In addition, the guidelines allow some types of leveraged funding to be subtracted from the total project cost in the SIR calculation. The type of leveraged funding is “non-

repayable funds,” such as bond funding, deferred maintenance, general operation budgets, and other LEA funding can offset the total project cost.

## LEA Reporting to the Energy Commission

### Reporting Schedule

LEAs are required to provide annual progress reports on approved EEPs. Once all the energy measures in an EEP are complete, LEAs must submit a “final project completion report” 12 to 15 months after the project completion date. This requirement is a statutory condition designed to provide a full year of energy usage data after installing the approved energy measures.

### Final Project Completion Reports

Between January 2014 and December 2015, 17 LEAs completed their eligible energy projects and provided the final completed project reports to the Energy Commission. These completed EEPs represent \$8.6 million in total gross project costs. Of this amount \$6.2 million was provided by the Proposition 39 K-12 program with the remaining \$2.4 million provided by leveraged funding the LEAs contributed to the projects. The reported annual saved energy usage for these completed projects is 3,005,227 kilowatt hours (kWh), and 3,352 therms, which is equivalent to approximately 1,056 tons of greenhouse gas emissions. Finally, analysis from these reports shows that the combined SIR for these 17 projects is 1.26. For every \$1.00 invested, \$1.26 is estimated to be saved.

Several trends emerged in reviewing the 17 LEA final completed project reports.

- 1) **Energy Use Intensity (EUI)** – The EUI is a metric to measure the annual rate of energy used at a school site. Similar to the miles-per-gallon metric for vehicle fuel economy, the EUI indicates the amount of energy used per square foot of building space per year. For the 17 completed projects, the EUI generally decreased among the school sites that completed eligible energy projects within the 17 LEAs. In cases where the EUI increased, school sites officials identified changes to their facilities operating hours and schedules that may account for the increase. The table below summarizes the reported EUI data from the 17 completed EEPs.

**Table 4: Energy Use Intensity Summary**

<b>Reported Source Energy Savings</b>
<b>Total Square Footage: 1,282,891</b>
<b>Total kBtu saved/year: 5,118,531</b>
<b>Total Combined Annual Weighted Average EUI</b>
<b>Before: 94.74 kBtu/Sqft</b>
<b>After: 90.75 kBtu/Sqft</b>

- 2) The reported "after" project energy savings identified in the final project completion reports typically matched or exceeded the estimated energy savings identified in the approved EEPs. If the reported energy savings deviated significantly from the estimated energy savings, LEAs then identified potential reasons for the difference.
- 3) Some of completed EEPs were retroactively funded eligible energy projects that were planned or installed before EEP approval. To not penalize LEAs for moving forward quickly with the installation of eligible energy projects, the guidelines allow Proposition 39 K-12 program funding to pay for eligible energy projects installed on or after December 19, 2013. Therefore, many of these early completed projects were installed before the EEP received approval for Proposition 39 funding.

Appendix A lists all LEAs that have completed construction.

### **Annual Progress Reports**

LEAs with EEPs approved before July 1, 2015, were required to submit an annual progress report to the Energy Commission by December 31, 2015. These reports summarized the completion status of eligible energy projects up to June 30, 2015.

Of the total of 423 annual progress reports due by December 31, 2015, the Energy Commission received 413. Of the 10 LEAs that did not report Energy Commission staff are working directly with each of these LEAs to ensure that annual progress reports are submitted as required. Of the 413 received, 400 reports were approved as complete and are summarized below:

- 8 LEAs reported completing the eligible energy project and these 8 LEAs also submitted a final project completion report as well. These 8 projects are included in the 17 final project completion reports, previously discussed.
- 96 LEAs reported they had completed their eligible energy project. These 96 LEAs are also required to submit final project completion reports 12-15 months after project completion. Appendix B lists the 96 LEAs that have completed their eligible energy projects and are scheduled to submit a final project completion report with post installation energy savings and energy usage within the next 15 months.
- The remaining 296 LEAs submitted annual progress reports indicating that projects are not completely installed. Therefore, majority of EEPs approved before July 1, 2015, are still in the construction phase. These LEAs are required to provide annual progress reports until their eligible energy projects are completed and have gathered 12 months of post projection completion utility usage data. Based on the annual progress reports reviewed, EEPs with projects in the



implementation phase spent \$69.6 million in gross project costs, of which \$47 million was funded using Proposition 39 K-12 program funds. Therefore, LEAs leveraged \$22.6 million (32 percent of gross project costs) in other funding sources such as utility incentives, bond funding, deferred maintenance, and general operation budgets to install Proposition 39 K-12 program eligible energy projects. Conclusively, for every Proposition 39 K-12 program \$1.00 invested, LEAs invested \$0.48 from other leveraged funding sources. Appendix C lists all LEAs in the implementation phase.

# **CHAPTER 2:**

## **Identifying Energy Savings**

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### **Complexities of Measuring Energy Savings**

There is no direct method to measure and attribute energy savings from energy efficiency measures because one cannot directly measure the energy that was never used. This is further complicated by the fact that there are many nuanced and unique outside factors that impact energy usage, such as the behavior of the building operation, increased attendance/student population changes, building expansion, and weather patterns. In addition, school sites with multiple buildings often have one or several energy (electric and natural gas) meters that measure aggregate or total energy consumption, making it increasingly difficult to measure and attribute energy savings from building specific energy efficiency measures.

Despite decades of experience and a large body of related literature, estimating energy efficiency project savings is still plagued by disagreements over methods and appropriate levels of rigor as well as perennial data shortcomings. It is challenging to identify directly how much energy savings can be attributed to specific energy efficiency measures because there are many variables that impact the total energy consumed in a building. For example, a school may retrofit the lighting in 20 classrooms. In year one, only 15 of those classrooms might be used regularly. In year two, enrollment might increase and all 20 classrooms are used. Even with more efficient lighting, the energy usage for lighting in year two will increase. Other variables that significantly impact overall energy consumption at a school site include changes in weather conditions, changes in the number of hours the school site operates, increased usage of computers, appliances, and other energy using equipment, and additional classrooms built on the school site.

### **How Does the K-12 Program Identify Energy Savings?**

The Energy Commission allows LEAs participating in the Proposition 39 K-12 program to use one of several methods to report energy savings after an eligible energy project is completed. This provides flexibility to LEAs so that the program benefits are determined while ensuring measurement and verification procedures do not comprise the majority of project costs. These include:

1. **School Site Energy Use Intensity (EUI):** EUI summarizes the total energy usage per square foot of a school site or buildings. EUI is a gross assessment of energy usage at a site or building.
2. **Utility Incentive Completion Report:** Energy efficiency measures that receive utility incentives must provide a final estimated energy savings report as required

- by the utilities. This report can be used to report energy savings for each energy measure funded by the Proposition 39 K-12 program.
3. “Energy Savings Calculators:” The Energy Commission provides energy savings calculators that are available on the Energy Commission Proposition 39 page: <http://www.energy.ca.gov/efficiency/proposition39/index.html>. These calculators estimate energy savings for each energy measure.
  4. LEA’s Own Final Energy Savings Report: LEAs can calculate their own energy savings using data from an energy management system, short-term monitoring (or data logging), and engineering calculations for each energy measure.
  5. Third-Party Final Energy Savings Report: LEAs may choose to use an independent consultant to conduct the detailed final energy savings report for each energy measure.

Many LEAs choose the Energy Commission’s Energy Savings Calculator because it is a user-friendly and cost-effective tool designed by the Energy Commission for this program. The Calculator uses data from the Database for Energy Efficient Resources (DEER) a California Energy Commission and California Public Utilities Commission sponsored database. DEER is designed to provide estimates of energy and peak demand savings values, measure costs, and effective useful life in one stop using consistent methods and assumptions.

In addition to the measurement methods described above, electric and natural gas utilities are required, per PRC Section 26240 (a), to provide the Energy Commission with 12 months of past and ongoing school site energy usage and billing data from LEAs. This granular data, when coupled and cross-referenced with the information submitted by LEAs within their EEPs, annual progress reports and final project completion reports, can be analyzed using various data analytical tools to more accurately determine the energy savings attributed to Proposition 39 K-12 funded eligible energy projects. While the collection, processing, and analysis of this type and level of data are time- and resource-intensive, the analytical results could provide a better understanding of the energy-saving effects from the Proposition 39 K-12 program.

# CHAPTER 3:

## Energy Conservation Assistance Act-Education Subaccount (ECAA-Ed)

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### ECAA-Ed Financing Program

#### Background

The ECAA-Ed Financing Program is a revolving loan program that provides no-interest financing to eligible entities for energy efficiency, demand reduction, and generation projects. The current interest rate of the program has been set to zero percent. All LEAs and community college districts (CCDs) eligible to receive Proposition 39 grant awards are eligible to apply for an ECAA-Ed loan. Eligible energy projects are the same as the Proposition 39 K-12 program. Loan repayments are based on energy cost savings and are made twice a year once the projects are complete. Loan repayment terms can be up to a maximum of 20 years.

#### ECAA-Ed Funding

In fiscal years 2013/14 and 2014/15, some funding from the Clean Energy Jobs Creation Fund was allocated to the Energy Commission for no-interest revolving loans and technical assistance through the ECAA-Ed Program.

The funding received for this program is as follows:

**Table 5: ECAA-Ed and Bright School Program Allocation Breakdown**

<b>Fiscal Year</b>	<b>ECAA-Ed Financing (for loans)</b>	<b>Bright Schools (for technical assistance)</b>	<b>TOTAL</b>
2013-14	\$25,200,000	\$2,800,000	\$28,000,000
2014-15	\$25,200,000	\$2,800,000	\$28,000,000
<b>TOTAL</b>	<b>\$50,400,000</b>	<b>\$5,600,000</b>	<b>\$56,000,000</b>

Source: California Energy Commission

#### Approved and Completed Loans

As of December 31, 2015, 27 ECAA-Ed loans were approved by the Energy Commission. This represents a total of \$41.4 million of the \$50.4 million allocated to the loan program. Of the 27 loans approved, only 1 loan recipient, Yuba Community College District, has completed project installation. Project installation was completed on December 15, 2014. The district is completing its final project completion report, and the data collected from that report will be included in the 2017 Citizens Oversight Board

report. Yuba Community College District made its first semiannual loan repayment in December 2015.

Appendix E summarizes the loans approved as of December 31, 2015.

## **Remaining Funds**

Several loan applicants withdrew loan applications or cancelled approved loans; therefore, \$7 million remains in the ECAA-Ed account as of February 1, 2016.

## **Bright Schools Technical Assistance Program**

### **Background**

Of the \$56 million in ECAA-Ed funds allocated to the Energy Commission, \$5.6 million has been allocated to the Bright Schools Program. This technical assistance program provides LEAs assistance in identifying energy-saving opportunities in existing and planned facilities. The program started in 1988 and has historically provided a wide range of technical assistance services, including energy audits of existing and planned facilities, third-party proposal review, and professional engineering support services. In all cases, the assistance provided has been tailored to the applicant's request to support project implementation.

### **Bright Schools Funding**

**PRC Section 25416 (d) authorizes the Energy Commission to set aside 10 percent of the ECAA-Ed Job Creation Funds for technical assistance to help eligible entities identify Proposition 39 energy efficiency, demand reduction, and generation projects. This program is called Bright Schools. Technical Assistance**

Through a competitive contract solicitation, the Energy Commission selected a prime contractor and a team of professional energy engineers to assist and support the objectives of the Bright Schools Program. Expenditures for this contract are as follows:

**Table 6: Technical Assistance Contract Expenditure Status**

Contract Amount Encumbered	\$4,800,000
Expenditures as of 12/31/2015	\$1,806,564
Balance in Existing Contract	\$2,993,436

Source: California Energy Commission

As of December 31, 2015, \$1,806,564 of California Clean Energy Jobs Act funds have been spent providing technical assistance to 90 LEAs and CCDs to identify cost-effective energy projects.

The majority of the technical assistance provides comprehensive American Society of Heating, Refrigeration, and Air-conditioning Engineers (ASHRAE) Level 2 energy audits. A Level 2 energy audit analyzes all major energy-using systems in an existing building and contains recommendations for low or no-cost operations and maintenance (O&M) improvements and cost-effective energy efficiency and clean onsite self-generation opportunities. Level 2 energy audits include detailed project cost estimates, energy-saving calculations, and economic evaluation. The energy audits serve as an energy management tool to assist facility planning decisions and are tailored to assist LEAs and CCDs in developing their Proposition 39 funding applications.

Beyond Level 2 energy audits, the Bright Schools Program also provides preliminary energy project assessments, targeted audits, and professional engineering support services. A preliminary assessment is a screening audit that identifies areas of inefficiency and opportunities for O&M improvements. A targeted audit analyzes only specific projects or areas of a building. Targeted audits may be appropriate for LEAs and CCDs that have recently installed energy-saving projects and want to focus on areas not yet analyzed.

Professional engineering support services help achieve the objectives of the Bright Schools and Proposition 39 Programs. These objectives include, but are not limited to, performing independent review of existing energy project proposals, developing equipment performance specifications for new projects, and providing field assistance. Program participants may require these services to verify that the recommendations in an existing proposal are sound and project costs are reasonable, and to help prioritize measures for implementation.

### **Status of Proposition 39 Funding**

Proposition 39-funded Bright Schools Program energy audits have identified energy project opportunities at 221 sites. These energy project recommendations represent an estimated savings of nearly 18.3 million kWh of electricity and 219,050 therms of natural gas annually, representing more than \$2.9 million in utility cost savings for program participants. The energy measures would require an investment of more than \$44 million and are eligible for utility incentives of nearly \$1.65 million.

Appendix F lists the details of the above information and includes the energy savings metrics and Proposition 39 program funding spent for program participants.

APPENDIX A:  
K-12 PROGRAM – 2014/15 FINAL PROJECT  
COMPLETION REPORTS

APPENDIX B:  
K-12 PROGRAM – 2014/15 ANNUAL PROGRESS REPORT  
DATA (COMPLETED PROJECTS)



APPENDIX C:  
K-12 PROGRAM – 2014/15 ANNUAL PROGRESS REPORT  
DATA

APPENDIX D:  
ENERGY CONSERVATION ASSISTANCE ACT-EDUCATION  
SUBACCOUNT (ECAA-ED)  
Approved Zero Interest Energy Loans

APPENDIX E:  
BRIGHT SCHOOL PROGRAM SUMMARY

## APPENDIX F:

### LIST OF ACROMYMS

ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers
CCD	Community College District
CDE	California Department of Education
ECAA-Ed	Energy Conservation Assistance Act-Education Subaccount
EEP	Energy Expenditure Plan
EUI	Energy Usage Index
HVAC	Heating, Ventilation, and Air Conditioning
K-12	Kindergarten through 12th Grade
LEA	Local Educational Agency
O&M	Operations and Maintenance
PV	Photovoltaic
PRC	Public Resource Code
SIR	Savings-to-Investment Ratio

# Appendix A: Final Project Completion Report Data

- Notes:
- 1. Reporting on 17 total Energy Expenditure Plans
  - 2. *Retroactive* means the project was completed prior to EEP approval and was retroactively funded

LEA Name	Energy Expenditure Plan ID	Reported Total Grant Amount Spent	Reported Total Project Cost	Energy Expenditure Plan Approval Date	Reported Project Completion Date	Time Between Approval and Project Completion (days)	Final Report Savings-to-Investment Ratio (SIR)	School Site Name	Annual Site Energy Use Intensity Before (kbtu/sqft)	Annual Site Energy Use Intensity After (kbtu/sqft)	Reported Annual Electricity Savings (kWh)	Reported Annual Natural Gas Savings (therms)	Reported Annual Propane Savings (gallons)	Reported Annual Cost Savings (\$)	Reported Final Cost per School Site (\$)	Reported Rebates (\$)	Reported Proposition 39 Share Spent per School Site (\$)	Photovoltaic System -LEA Owned (Nameplate Rating in KW)	Installed Energy Measures
																			Energy Efficiency
Big Creek Elementary School District																			
	4	\$ 72,965.00	\$ 72,965.00	4/21/2014	7/3/2014	73	1.64	Big Creek Elementary School	42.09	39.44	43,355	-	-	\$ 7,933.86	\$ 72,965.00	\$ -	\$ 72,965.00	-	Lighting - Interior Linear Fluorescent Relamping Lighting- Exterior Fixture Retrofit Lighting- Interior Fixture Retrofit Lighting- LED Exit Signs
Bonsall Union Elementary School District																			
	84	\$ 86,177.00	\$ 86,177.00	7/8/2014	8/23/2014	46	1.05	Norm Sullivan Middle School	121.88	126.22	18,337	357	-	\$ 5,984.50	\$ 86,177.00	\$ -	\$ 86,177.00	-	HVAC Controls- Programmable/Smart Thermostats HVAC- Packaged/Split System AC/Heat Pump/VRF
Chula Vista Elementary School District																			
	139	\$ 640,124.00	\$ 1,123,336.00	10/13/2014	10/31/2014	18	1.14	Castle Park ES	53.48	50.32	28,749	-	-	\$ 6,775.00	\$ 182,093.00	\$ -	\$ 120,142.00	-	Lighting Controls Lighting- Interior Fixture Retrofit
								Rice ES	71.32	57.92	53,082	-	-	\$ 12,132.00	\$ 276,315.00	\$ -	\$ 219,464.00	-	Lighting Controls Lighting- Interior Fixture Retrofit
								Rosebank ES	53.79	46.98	32,337	-	-	\$ 8,419.00	\$ 664,928.00	\$ -	\$ 300,518.00	-	Building Envelope- Windows/Skylights Lighting Controls Lighting- Interior Fixture Retrofit
Chula Vista Elementary School District-Arroyo Vista Charter																			
	141	\$ 92,271.00	\$ 92,271.00	9/30/2014	8/29/2014	Retroactive	1.74	Arroyo Vista Charter	82.55	78.03	37,394	-	-	\$ 9,775.00	\$ 92,271.00	\$ -	\$ 92,271.00	-	Lighting- Interior Fixture Retrofit
Chula Vista Elementary School District-Chula Vista Learning Community Chart																			
	142	\$ 58,401.00	\$ 58,401.00	10/9/2014	8/29/2014	Retroactive	2.23	Chula Vista Learning Community Charter	54.79	54.41	28,648	-	-	\$ 8,253.00	\$ 58,401.00	\$ -	\$ 58,401.00	-	Lighting Controls Lighting- Interior Fixture Retrofit
Chula Vista Elementary School District-Discovery Charter																			
	140	\$ 51,808.00	\$ 51,808.00	9/30/2014	8/29/2014	Retroactive	1.18	Discovery Charter	61.80	61.99	11,915	-	-	\$ 3,426.00	\$ 51,808.00	\$ -	\$ 51,808.00	-	Lighting- Interior Fixture Retrofit
Eureka City Unified																			
	97	\$ 24,788.53	\$ 26,173.00	8/7/2014	6/11/2014	Retroactive	23.49	Eureka City Schools-Corp Yard	134.84	105.30	62,616	-	-	\$ 10,743.06	\$ 26,173.00	\$ -	\$ 7,686.53	-	Lighting- Exterior Fixture Retrofit Lighting- Interior Fixture Retrofit

# Appendix A: Final Project Completion Report Data

- Notes:
- 1. Reporting on 17 total Energy Expenditure Plans
  - 2. *Retroactive* means the project was completed prior to EEP approval and was retroactively funded

Happy Camp Union Elementary School District																							
22	\$	184,441.00	\$	184,441.00	4/18/2014	5/23/2014	35	1.06	Happy Camp Elementary	142.86	86.40	87,360	-	-	\$	12,249.80	\$	184,441.00	\$	-	\$	184,441.00	- HVAC Controls- Programmable/Smart Thermostats HVAC- Packaged/Split System AC/Heat Pump/VRF
Menlo Park Elementary School District																							
90	\$	16,584.47	\$	27,209.54	7/15/2014	8/1/2014	17	5.58	Laurel School	68.74	67.11	61,324	-	-	\$	10,301.50	\$	27,209.54	\$	-	\$	16,584.47	- Lighting- Interior Fixture Retrofit
Murrieta Valley Unified School District																							
381	\$	482,000.00	\$	751,000.00	3/19/2015	9/5/2014	Retroactive	1.05	Murrieta Valley High School	108.21	103.83	132,762	(279)	-	\$	21,761.20	\$	751,000.00	\$	-	\$	482,000.00	- HVAC- Packaged/Split System AC/Heat Pump/VRF
Newark Unified School District																							
66	\$	29,071.00	\$	37,997.00	7/15/2014	8/1/2014	17	3.61	Newark Memorial High School	102.06	101.84	47,550	-	-	\$	8,351.00	\$	37,997.00	\$	2,700.00	\$	29,071.00	- Lighting- Exterior Fixture Retrofit
Nuvview Bridge Early College High																							
191	\$	20,458.00	\$	22,748.00	3/30/2015	10/9/2014	Retroactive	3.35	Nuvview Bridge Early College HS	92.44	81.41	28,625	-	-	\$	4,436.88	\$	22,748.00	\$	2,290.00	\$	20,458.00	- Lighting- Interior Fixture Retrofit
Nuvview Union School District																							
192	\$	597,775.00	\$	1,056,259.50	3/30/2015	10/9/2014	Retroactive	1.06	Nuvview Elementary School	96.69	98.18	351,659	(243)	-	\$	75,339.00	\$	1,056,259.50	\$	-	\$	597,775.00	168.00 HVAC- Packaged/Split System AC/Heat Pump/VRF Lighting- Interior Fixture Retrofit
Pleasant Ridge Union Elementary																							
13	\$	500,629.00	\$	500,629.00	4/22/2014	10/22/2014	183	1.43	Alta Sierra Elementary	59.26	44.36	69,280	-	-	\$	12,332.00	\$	110,033.00	\$	-	\$	110,033.00	- Lighting - Interior Linear Fluorescent Relamping Lighting- Exterior Fixture Retrofit Lighting- Interior Fixture Retrofit
									Cottage Hill Elementary	76.34	55.85	80,585	-	-	\$	13,860.00	\$	181,559.00	\$	-	\$	181,559.00	- HVAC- Packaged/Split System AC/Heat Pump/VRF Lighting - Interior Linear Fluorescent Relamping Lighting- Exterior Fixture Retrofit Lighting- Interior Fixture Retrofit
									Magnolia Middle School	69.48	42.06	92,596	-	(67)	\$	16,464.79	\$	209,037.00	\$	-	\$	209,037.00	- HVAC- Packaged/Split System AC/Heat Pump/VRF Lighting - Interior Linear Fluorescent Relamping Lighting- Exterior Fixture Retrofit Lighting- Interior Fixture Retrofit Plug Loads- Vending Machine Misers

# Appendix A: Final Project Completion Report Data

- Notes:
- 1. Reporting on 17 total Energy Expenditure Plans
  - 2. *Retroactive* means the project was completed prior to EEP approval and was retroactively funded

Redondo Beach Unified School District																		
229	\$	1,815,158.00	\$	2,967,158.00	10/6/2014	8/22/2014	Retroactive	1.32										
Adams Middle																		
79.81		53.16		195,781	-	-	\$	20,568.00	\$	514,370.00	\$	125,499.00	\$	232,370.00				
Redondo Union High School																		
120.10		141.16		916,828	-	-	\$	146,056.00	\$	2,075,033.00	\$	597,500.00	\$	1,382,033.00	130.00	(blank)		
Washington Elementary																		
81.20		78.19		124,154	-	-	\$	22,066.00	\$	377,755.00	\$	79,585.00	\$	200,755.00	611.22	(blank)		
																	82.00	(blank)
Santa Ana Unified School District																		
60	\$	1,500,656.61	\$	1,502,642.61	6/27/2014	9/1/2014	66	1.10										
Harvey Elementary																		
122.79		101.32		211,126	2,248	-	\$	39,821.35	\$	547,151.61	\$	925.00	\$	546,226.61	- HVAC Controls- Programmable/Smart Thermostats HVAC- Duct Sealing HVAC- Packaged/Split System AC/Heat Pump/VRF			
Kennedy Elementary																		
124.22		107.22		168,171	1,090	-	\$	30,850.06	\$	511,708.36	\$	882.00	\$	510,826.36	- HVAC Controls- Programmable/Smart Thermostats HVAC- Duct Sealing HVAC- Packaged/Split System AC/Heat Pump/VRF			
Monte Vista Elementary																		
76.23		65.59		108,505	179	-	\$	22,269.24	\$	443,782.64	\$	179.00	\$	443,603.64	- HVAC Controls- Programmable/Smart Thermostats			
Seiad Elementary School District																		
23	\$	27,120.00	\$	27,120.00	4/18/2014	6/26/2014	69	1.41										
Seiad Elementary																		
146.17		133.09		12,488	-	528	\$	2,410.27	\$	27,120.00	\$	-	\$	27,120.00	- HVAC Controls- Programmable/Smart Thermostats Lighting - Interior Linear Fluorescent Relamping Lighting- Exterior Fixture Retrofit Lighting- Interior Fixture Retrofit Lighting- LED Exit Signs			
Grand Total																		
	\$	6,200,427.61	\$	8,588,335.65				3,005,227	3,352	461	\$	532,578.51	\$	8,588,335.65	\$	809,560.00	\$	6,183,325.61

## Appendix B: 2014/2015 Annual Progress Report Data (Completed Projects)

Notes:

1. Reporting on 96 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

LEA Name	Energy Expenditure Plan ID	Project Completion Date	Site Name	Reported Proposition 39 Share Spent (\$)	Reported Amount Spent for Measure Installation (\$)
<b>Acton-Agua Dulce Unified</b>					
	456	12/8/2015	High Desert Meadowlark Elementary	\$67,388.00	\$67,388.00
				\$0.00	\$0.00
<i>Acton-Agua Dulce Unified Total</i>				<i>\$67,388.00</i>	<i>\$67,388.00</i>
<b>Alta Vista Elementary School District</b>					
	71	5/12/2015	Alta Vista Elementary School	\$204,553.00	\$204,553.00
<i>Alta Vista Elementary School District Total</i>				<i>\$204,553.00</i>	<i>\$204,553.00</i>
<b>Anaheim Union High School District</b>					
	196	9/18/2015	Lexington Junior High School	\$629,340.00	\$748,549.10
<i>Anaheim Union High School District Total</i>				<i>\$629,340.00</i>	<i>\$748,549.10</i>
<b>Ballard Elementary</b>					
	56	12/22/2015	Ballard Elementary	\$146,813.00	\$201,413.00
<i>Ballard Elementary Total</i>				<i>\$146,813.00</i>	<i>\$201,413.00</i>
<b>Black Oak Mine Unified</b>					
	521	12/3/2015	Black Oak Mine Community Day	\$2,568.00	\$2,568.00
			District Facilities	\$15,751.00	\$15,751.00
			Divide High	\$4,277.00	\$4,277.00
			Georgetown Elementary	\$98,253.00	\$98,253.00
			Golden Sierra Junior Senior High	\$88,481.50	\$88,481.50
			Northside Elementary	\$61,847.00	\$61,847.00
			Otter Creek Elementary	\$4,312.00	\$4,312.00
<i>Black Oak Mine Unified Total</i>				<i>\$275,489.50</i>	<i>\$275,489.50</i>
<b>Brawley Union High School District</b>					
	284	6/11/2015	Brawley high School	\$399,372.00	\$399,372.00
			Desert Valley High School	\$42,274.00	\$43,274.00
			Renaissance Day Care	\$17,042.00	\$17,042.00
<i>Brawley Union High School District Total</i>				<i>\$458,688.00</i>	<i>\$459,688.00</i>
<b>Cambrian Elementary</b>					
	421	4/1/2015	Bagby Elementary	\$120,843.50	\$461,402.00
			Cambrian District Office	\$120,843.50	\$468,961.00
<i>Cambrian Elementary Total</i>				<i>\$241,687.00</i>	<i>\$930,363.00</i>
<b>Castle Rock Union Elementary School District</b>					
	78	1/14/2015	Castle Rock Elementary	\$28,306.00	\$28,306.00
<i>Castle Rock Union Elementary School District Total</i>				<i>\$28,306.00</i>	<i>\$28,306.00</i>
<b>Castlemont Elementary School</b>					
	158	10/15/2014	Castlemont Elementary School	\$245,999.60	\$245,999.60
<i>Castlemont Elementary School Total</i>				<i>\$245,999.60</i>	<i>\$245,999.60</i>
<b>Central Unified School District</b>					
	49	1/31/2015	District Office	\$31,227.86	\$31,227.86
			Madison Elementary	\$86,061.02	\$86,061.02
			McKinley Elementary	\$72,576.43	\$72,576.43
			Roosevelt Elementary	\$82,112.25	\$82,112.25
			Alt./CLASS Adult Education	\$58,479.31	\$58,479.30
			Biola-Pershing Elementary	\$47,482.71	\$47,482.71
			Central High East Campus	\$1,323,985.38	\$1,323,985.38



## Appendix B: 2014/2015 Annual Progress Report Data (Completed Projects)

### Notes:

1. Reporting on 96 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Central Unified School District</b>	49	1/31/2015	Central High West Campus	\$302,643.83	\$302,643.83
			El Capitan Middle	\$125,988.10	\$125,988.10
			Harvest Elementary	\$229,414.07	\$229,414.07
			Herndon-Barstow Elementary	\$86,320.00	\$86,320.00
			Houghton-Kearney West Elem.	\$41,977.13	\$41,977.13
			James Polk Elementary	\$167,815.35	\$167,815.35
			John Steinbeck Elementary	\$113,012.93	\$113,012.93
			Pershing Continuation High	\$85,157.49	\$85,157.49
			Rio Vista Middle	\$189,588.87	\$189,588.87
			River Bluff Elementary	\$116,919.32	\$116,919.32
			Teague Elementary	\$95,128.36	\$95,128.36
			William Saroyan Elementary	\$123,844.94	\$123,844.94
<i>Central Unified School District Total</i>				<i>\$3,379,735.35</i>	<i>\$3,379,735.34</i>
<b>Chatom Union</b>	277	4/6/2015	Chatom Elementary School	\$117,866.00	\$117,866.00
			Mountain View Middle	\$79,092.00	\$79,092.00
<i>Chatom Union Total</i>				<i>\$196,958.00</i>	<i>\$196,958.00</i>
<b>Chowchilla Elementary</b>	148	2/16/2015	Merle L. Fuller Elementary	\$81,465.00	\$81,465.00
<i>Chowchilla Elementary Total</i>				<i>\$81,465.00</i>	<i>\$81,465.00</i>
<b>Chowchilla Union High School District</b>	11	11/12/2014	Chowchilla High School	\$293,471.00	\$293,471.00
<i>Chowchilla Union High School District Total</i>				<i>\$293,471.00</i>	<i>\$293,471.00</i>
<b>Chula Vista Elementary School District-Arroyo Vista Charter</b>	568	7/31/2015	Arroyo Vista Charter	\$109,810.00	\$113,214.00
<i>Chula Vista Elementary School District-Arroyo Vista Charter Total</i>				<i>\$109,810.00</i>	<i>\$113,214.00</i>
<b>Chula Vista Elementary School District-Chula Vista Learning Community Chart</b>	569	7/31/2015	Chula Vista Learning Community Charter	\$57,231.00	\$58,997.00
<i>Chula Vista Elementary School District-Chula Vista Learning Community Chart Total</i>				<i>\$57,231.00</i>	<i>\$58,997.00</i>
<b>Coachella Valley Unified School District</b>	24	10/31/2015	Coachella Valley High	\$680,050.00	\$1,806,874.00
			Desert Mirage High	\$435,927.00	\$1,191,657.00
			Las Palmitas Elementary	\$104,500.00	\$268,051.00
			Mountain Vista Elementary	\$138,361.00	\$427,988.00
			Saul Martinez Elementary	\$105,500.00	\$293,958.00
			Toro Canyon Middle	\$105,000.00	\$281,892.00
			West Shores High	\$174,371.00	\$476,018.00
<i>Coachella Valley Unified School District Total</i>				<i>\$1,743,709.00</i>	<i>\$4,746,438.00</i>
<b>Corning Union High School District</b>	96	2/12/2015	Corning High School	\$243,916.00	\$433,511.00
<i>Corning Union High School District Total</i>				<i>\$243,916.00</i>	<i>\$433,511.00</i>
<b>Corona-Norco Unified</b>	598	12/16/2015	District Office	\$0.00	\$0.00
			Centennial High	\$1,194,381.00	\$1,194,381.00
			Dwight D. Eisenhower Elementary	\$0.00	\$0.00
			Garretson Elementary	\$0.00	\$0.00
			Harada Elementary	\$0.00	\$0.00
			John Adams Elementary	\$0.00	\$0.00
			Louis VanderMolen Fundamental Elementary	\$0.00	\$0.00
<i>Corona-Norco Unified Total</i>				<i>\$1,194,381.00</i>	<i>\$1,194,381.00</i>

## Appendix B: 2014/2015 Annual Progress Report Data (Completed Projects)

Notes:

1. Reporting on 96 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

### Desert Center Unified School District

216	1/9/2015	Eagle Mountain School	\$30,090.00	\$35,907.00
<i>Desert Center Unified School District Total</i>			<i>\$30,090.00</i>	<i>\$35,907.00</i>

### Desert Sands Unified School District

73	2/3/2015	Madison Elementary	\$281,749.50	\$281,749.50
		Indio Middle	\$566,865.34	\$566,865.34
		La Quinta High	\$1,100,932.29	\$1,100,932.30
		La Quinta Middle	\$560,656.77	\$560,656.77
		Monroe Elementary	\$278,539.78	\$278,539.78
		Palm Desert High	\$3,011,748.16	\$3,726,310.16
		Truman Elementary	\$402,764.64	\$402,764.64
<i>Desert Sands Unified School District Total</i>			<i>\$6,203,256.48</i>	<i>\$6,917,818.49</i>

### Edison Elementary

344	12/18/2015	Edison Middle	\$3,020.08	\$3,020.16
		Orangewood	\$41,720.08	\$41,720.08
<i>Edison Elementary Total</i>			<i>\$44,740.16</i>	<i>\$44,740.24</i>

### El Monte City School District

338	12/4/2015	District Office	\$68,228.00	\$71,737.00
		Rio Hondo Elementary	\$145,494.00	\$178,567.00
		Asher Facility	\$14,401.00	\$17,675.00
		Barton Center	\$12,555.00	\$15,409.00
		Byron Thompson/Durfee	\$153,494.00	\$188,385.00
		Central Kitchen	\$21,866.00	\$26,861.00
		Cherrylee Elementary	\$94,304.00	\$115,741.00
		Child Development	\$8,954.00	\$10,989.00
		Cleminson Elementary	\$77,693.00	\$95,354.00
		Columbia Elementary	\$164,311.00	\$213,661.00
		Cortada Elementary	\$86,753.00	\$106,473.00
		Gidley Elementary	\$108,006.00	\$132,557.00
		Legore Elementary	\$146,505.00	\$179,807.00
		Loma Center	\$54,166.00	\$66,479.00
		New Lexington Elementary	\$63,800.00	\$78,302.00
		Potrero Elementary	\$131,257.00	\$161,093.00
		Rio Vista Elementary	\$112,482.00	\$140,051.00
		Shirpser Elementary	\$115,787.00	\$142,107.00
		Wilkerson Elementary	\$105,950.00	\$130,034.00
		Wright Elementary	\$150,706.00	\$186,464.00
<i>El Monte City School District Total</i>			<i>\$1,836,712.00</i>	<i>\$2,257,746.00</i>

### Elverta Joint Elementary School District

391	11/6/2015	Elverta Elementary School	\$34,430.00	\$34,430.00
<i>Elverta Joint Elementary School District Total</i>			<i>\$34,430.00</i>	<i>\$34,430.00</i>

### Escalon Unified School District

50	6/16/2015	Escalon High School	\$589,225.00	\$879,225.00
<i>Escalon Unified School District Total</i>			<i>\$589,225.00</i>	<i>\$879,225.00</i>

### Escondido Union High School District

68	11/30/2015	Escondido High School	\$194,645.00	\$526,248.00
		Orange Glen High School	\$171,745.00	\$462,183.00
		San Pasqual High School	\$206,095.00	\$567,690.00
<i>Escondido Union High School District Total</i>			<i>\$572,485.00</i>	<i>\$1,556,121.00</i>

### Escondido Union School District

## Appendix B: 2014/2015 Annual Progress Report Data (Completed Projects)

Notes:

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<b>Escondido Union Schc</b>	39	12/11/2014	Central	\$88,933.00	\$88,933.00
			Del Dios Middle School	\$105,633.00	\$105,633.00
			Felicita School	\$76,433.00	\$76,433.00
			Hidden Valley Middle School	\$113,433.00	\$113,433.00
			L. R. Green School	\$81,833.00	\$81,833.00
			Miller School	\$58,933.00	\$58,933.00
<i>Escondido Union School District Total</i>				<i>\$525,198.00</i>	<i>\$525,198.00</i>
<b>Fammatre Elementary School</b>					
	295	4/1/2015	Fammatre Elementary	\$251,861.00	\$400,554.00
<i>Fammatre Elementary School Total</i>				<i>\$251,861.00</i>	<i>\$400,554.00</i>
<b>Farnham Charter School</b>					
	296	4/1/2015	Farnham Charter	\$250,141.00	\$432,881.00
<i>Farnham Charter School Total</i>				<i>\$250,141.00</i>	<i>\$432,881.00</i>
<b>Feaster (Mae L.) Charter</b>					
	610	7/31/2015	Feaster (Mae L.) Charter	\$222,732.00	\$225,408.00
<i>Feaster (Mae L.) Charter Total</i>				<i>\$222,732.00</i>	<i>\$225,408.00</i>
<b>Fountain Valley School District</b>					
	67	1/30/2015	Courreges Elementary School	\$85,924.00	\$89,720.00
			Cox Elementary School	\$94,347.00	\$98,241.00
			Fulton Middle School	\$79,853.00	\$83,593.00
			Gisler Elementary School	\$80,450.00	\$84,812.00
			Masuda Middle School	\$94,205.00	\$100,460.00
			Newland Elementary School	\$111,200.00	\$118,398.00
			Oka Elementary School	\$93,600.00	\$97,398.00
			Plavan Elementary School	\$457,641.00	\$468,674.00
			Talbert Middle School	\$115,200.00	\$118,740.00
			Tamura Elementary School	\$117,995.00	\$122,317.00
<i>Fountain Valley School District Total</i>				<i>\$1,330,415.00</i>	<i>\$1,382,353.00</i>
<b>Hacienda La Puente Unified School District</b>					
	10	11/30/2015	Los Altos High School	\$755,171.01	\$755,171.01
			Glen A. Wilson High School	\$1,567,851.79	\$1,567,851.79
			La Puente HS	\$1,164,250.39	\$1,164,250.39
			William Workman High School	\$1,822,267.95	\$1,832,395.01
<i>Hacienda La Puente Unified School District Total</i>				<i>\$5,309,541.14</i>	<i>\$5,319,668.20</i>
<b>Hanford Joint Union High</b>					
	31	9/4/2015	Hanford High School	\$49,804.86	\$169,732.22
			Hanford West High School	\$46,083.18	\$113,191.37
			Sierra Pacific High School	\$62,360.95	\$168,275.33
<i>Hanford Joint Union High Total</i>				<i>\$158,248.99</i>	<i>\$451,198.92</i>
<b>Harmony Union Elementary</b>					
	960	12/11/2015	Harmony Elementary	\$59,450.00	\$59,450.00
<i>Harmony Union Elementary Total</i>				<i>\$59,450.00</i>	<i>\$59,450.00</i>
<b>Hesperia Unified School District</b>					
	19	12/28/2015	Carmel Elementary	\$111,328.00	\$111,328.00
			Cedar Middle	\$455,678.00	\$455,678.00
			Cottonwood Elementary	\$82,886.00	\$82,886.00
			Cypress School of the Arts	\$344,084.00	\$344,084.00
			Eucalyptus Elementary	\$212,585.00	\$212,585.00
			Hesperia High	\$1,011,224.00	\$1,011,224.00
			Hollyvale Elementary	\$229,410.00	\$229,410.00

## Appendix B: 2014/2015 Annual Progress Report Data (Completed Projects)

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<b>Hesperia Unified Schc</b>	19	12/28/2015	Juniper Elementary	\$51,128.00	\$51,128.00
			Mission Crest Elementary	\$53,634.00	\$53,634.00
			Ranchero Middle	\$795,878.00	\$795,878.00
			Sultana High	\$1,312,181.00	\$1,312,181.00
			Topaz Preparatory Academy	\$138,465.00	\$138,465.00
<i>Hesperia Unified School District Total</i>				<i>\$4,798,481.00</i>	<i>\$4,798,481.00</i>
<b>Horicon Elementary</b>					
	333	8/13/2015	Horicon Elementary	\$75,000.00	\$240,130.22
<i>Horicon Elementary Total</i>				<i>\$75,000.00</i>	<i>\$240,130.22</i>
<b>Hornbrook Elementary</b>					
	394	11/18/2015	Hornbrook Elementary	\$33,491.00	\$33,491.00
<i>Hornbrook Elementary Total</i>				<i>\$33,491.00</i>	<i>\$33,491.00</i>
<b>Howell Mountain Elementary School District</b>					
	231	4/10/2015	Howell Mountain Elementary	\$12,600.00	\$12,600.00
<i>Howell Mountain Elementary School District Total</i>				<i>\$12,600.00</i>	<i>\$12,600.00</i>
<b>Huntington Beach City School District</b>					
	234	12/15/2015	Eader Elementary School	\$269,966.24	\$313,867.24
			Moffett Elementary School	\$320,068.00	\$383,947.00
			Perry Elementary School	\$278,252.00	\$322,729.00
			Peterson Elementary School	\$458,299.81	\$532,825.00
<i>Huntington Beach City School District Total</i>				<i>\$1,326,586.05</i>	<i>\$1,553,368.24</i>
<b>Imperial Unified School District</b>					
	48	12/1/2014	District Office	\$17,192.49	\$17,192.49
			Ben Hulse Elementary School	\$189,383.26	\$189,383.26
			Frank M. Wright Middle	\$111,601.15	\$111,601.15
			Holbrook High School	\$17,648.10	\$17,648.10
			Imperial High School	\$266,086.72	\$266,086.72
			T.L. Waggoner Elementary School	\$104,513.28	\$104,513.28
<i>Imperial Unified School District Total</i>				<i>\$706,425.00</i>	<i>\$706,425.00</i>
<b>Julian Union Elementary</b>					
	538	12/29/2015	Julian Elementary	\$0.00	\$226,660.19
			Julian Junior High	\$9,019.93	\$9,092.93
<i>Julian Union Elementary Total</i>				<i>\$9,019.93</i>	<i>\$235,753.12</i>
<b>Kern County Superintendant of schools</b>					
	105	1/30/2015	KCSOS City Centre Parking	\$11,814.49	\$11,814.49
			KCSOS M&O Facility	\$7,677.42	\$7,677.42
			KCSOS Transportation Facility	\$36,741.31	\$36,741.31
			KCSOS Warehouse	\$33,348.97	\$33,348.97
			Lamont Preschool	\$19,787.66	\$19,787.66
<i>Kern County Superintendant of schools Total</i>				<i>\$109,369.85</i>	<i>\$109,369.85</i>
<b>Keyes to Learning Charter School</b>					
	174	2/1/2015	Keyes to Learning Charter	\$93,464.00	\$93,464.00
<i>Keyes to Learning Charter School Total</i>				<i>\$93,464.00</i>	<i>\$93,464.00</i>
<b>Keyes Union School District</b>					
	173	2/1/2015	Barbara Spratling Middle School	\$87,664.00	\$87,664.00
			Keyes Elementary School	\$33,002.00	\$33,002.00
<i>Keyes Union School District Total</i>				<i>\$120,666.00</i>	<i>\$120,666.00</i>
<b>La Habra City School District</b>					

## Appendix B: 2014/2015 Annual Progress Report Data (Completed Projects)

Notes:

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2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>La Habra City School I</b>	164	8/7/2015	Washington Middle School	\$328,135.00	\$673,976.00
			Imperial Middle School	\$168,024.00	\$249,344.00
<i>La Habra City School District Total</i>				<i>\$496,159.00</i>	<i>\$923,320.00</i>
<b>Larkspur-Corte Madera</b>					
	507	12/11/2015	Hall Middle	\$161,053.00	\$161,053.00
			Neil Cummins Elementary	\$138,075.00	\$138,075.00
			Cove Elementary	\$50,872.00	\$50,872.00
<i>Larkspur-Corte Madera Total</i>				<i>\$350,000.00</i>	<i>\$350,000.00</i>
<b>Learning Works Charter School</b>					
	339	8/31/2015	Learning Works Charter School	\$64,968.00	\$91,330.98
<i>Learning Works Charter School Total</i>				<i>\$64,968.00</i>	<i>\$91,330.98</i>
<b>Lennox SD</b>					
	809	12/18/2015	District Office	\$123,181.00	\$123,181.00
			Buford Elementary	\$597,293.00	\$597,293.00
			Moffett Elementary	\$478,198.00	\$478,198.00
<i>Lennox SD Total</i>				<i>\$1,198,672.00</i>	<i>\$1,198,672.00</i>
<b>Lennox SD - LMSTA</b>					
	808	12/18/2015	Lennox MS&T Academy	\$284,694.00	\$284,694.00
<i>Lennox SD - LMSTA Total</i>				<i>\$284,694.00</i>	<i>\$284,694.00</i>
<b>Los Angeles Leadership Academy</b>					
	831	4/15/2015	Los Angeles Leadership Academy	\$58,460.00	\$347,725.00
<i>Los Angeles Leadership Academy Total</i>				<i>\$58,460.00</i>	<i>\$347,725.00</i>
<b>Luther Burbank</b>					
	596	10/30/2015	Luther Burbank Elementary	\$266,798.04	\$266,798.04
<i>Luther Burbank Total</i>				<i>\$266,798.04</i>	<i>\$266,798.04</i>
<b>Lynhaven Elementary School</b>					
	160	10/15/2014	Lynhaven School	\$243,073.60	\$243,073.60
<i>Lynhaven Elementary School Total</i>				<i>\$243,073.60</i>	<i>\$243,073.60</i>
<b>Making Waves Academy</b>					
	662	8/14/2015	Making Waves Academy	\$288,429.00	\$288,429.00
<i>Making Waves Academy Total</i>				<i>\$288,429.00</i>	<i>\$288,429.00</i>
<b>Moson-Sultana Joint Union Elementary School District</b>					
	72	12/31/2014	Monson Sultana Elementary	\$264,796.00	\$264,796.00
<i>Moson-Sultana Joint Union Elementary School District Total</i>				<i>\$264,796.00</i>	<i>\$264,796.00</i>
<b>Mountain School</b>					
	238	12/15/2015	Mountain School	\$139,731.13	\$139,731.13
<i>Mountain School Total</i>				<i>\$139,731.13</i>	<i>\$139,731.13</i>
<b>Napa Valley Unified School District</b>					
	95	8/6/2015	Napa Education Center	\$1,000,000.00	\$2,028,411.45
			Napa High School	\$1,000,000.00	\$1,745,330.73
			Vintage High School	\$1,523,180.00	\$3,668,205.96
<i>Napa Valley Unified School District Total</i>				<i>\$3,523,180.00</i>	<i>\$7,441,948.14</i>
<b>Nevada Joint Union HSD</b>					
	65	12/30/2015	Bear River High School	\$270,397.00	\$365,514.00
<i>Nevada Joint Union HSD Total</i>				<i>\$270,397.00</i>	<i>\$365,514.00</i>

## Appendix B: 2014/2015 Annual Progress Report Data (Completed Projects)

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<b>Nicasio</b>					
	301	12/18/2015	Nicasio	\$7,395.35	\$7,395.38
<i>Nicasio Total</i>				<i>\$7,395.35</i>	<i>\$7,395.38</i>
<b>Oak Grove Elementary</b>					
	550	11/30/2015	Anderson (Alex) Elementary	\$200,000.00	\$200,000.00
			Del Roble Elementary	\$500,000.00	\$500,000.00
			Hayes Elementary	\$150,000.00	\$150,000.00
<i>Oak Grove Elementary Total</i>				<i>\$850,000.00</i>	<i>\$850,000.00</i>
<b>Oak Valley Union Elementary</b>					
	316	8/3/2015	Oak Valley Elementary	\$240,225.64	\$240,225.64
<i>Oak Valley Union Elementary Total</i>				<i>\$240,225.64</i>	<i>\$240,225.64</i>
<b>Oasis Charter Public</b>					
	931	10/16/2015	Oasis Charter Public	\$95,929.98	\$95,929.98
<i>Oasis Charter Public Total</i>				<i>\$95,929.98</i>	<i>\$95,929.98</i>
<b>Ocean View</b>					
	565	9/30/2015	Mar Vista Elementary	\$109,005.00	\$109,005.00
			Ocean View Junior High	\$0.00	\$0.00
<i>Ocean View Total</i>				<i>\$109,005.00</i>	<i>\$109,005.00</i>
<b>Orange County Educational Arts Academy</b>					
	466	12/22/2015	Orange County Educational Arts Academy	\$159,000.00	\$163,000.00
<i>Orange County Educational Arts Academy Total</i>				<i>\$159,000.00</i>	<i>\$163,000.00</i>
<b>Palisades Charter High School</b>					
	629	11/30/2015	Palisades Charter High School	\$183,018.00	\$178,894.00
<i>Palisades Charter High School Total</i>				<i>\$183,018.00</i>	<i>\$178,894.00</i>
<b>Paso Robles Joint Unified</b>					
	616	12/22/2015	Daniel Lewis Middle	\$8,600.00	\$8,600.00
			George H. Flamson Middle	\$7,310.00	\$7,310.00
			Paso Robles High	\$20,147.00	\$20,947.13
<i>Paso Robles Joint Unified Total</i>				<i>\$36,057.00</i>	<i>\$36,857.13</i>
<b>Placer Hills Union Elementary</b>					
	14	5/14/2015	Placer Hills School	\$25,465.00	\$26,665.00
			Sierra Hills School	\$89,785.00	\$92,730.00
<i>Placer Hills Union Elementary Total</i>				<i>\$115,250.00</i>	<i>\$119,395.00</i>
<b>Pollock Pines Elementary School District</b>					
	368	12/7/2015	Sierra Ridge Middle School	\$181,034.00	\$276,302.63
<i>Pollock Pines Elementary School District Total</i>				<i>\$181,034.00</i>	<i>\$276,302.63</i>
<b>Price Charter Middle School</b>					
	297	4/1/2015	Price Charter Middle	\$508,141.00	\$931,887.00
<i>Price Charter Middle School Total</i>				<i>\$508,141.00</i>	<i>\$931,887.00</i>
<b>Redding Elementary School District</b>					
	91	2/28/2015	District Office	\$48,621.00	\$48,621.00
			Cypress Elementary School	\$72,328.00	\$72,328.00
			Juniper Elementary School	\$113,644.00	\$113,644.00
			Sequoia Middle School	\$282,945.00	\$282,945.00
			Turtle Bay School	\$162,192.00	\$203,520.00

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1. Reporting on 96 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<i>Redding Elementary School District Total</i>			<i>\$679,730.00</i>	<i>\$721,058.00</i>
<b>Rialto Unified School District</b>				
103	10/12/2015	Rialto High School	\$1,357,000.00	\$1,452,000.00
479	10/12/2015	Eisenhower Senior High	\$354,468.26	\$364,468.26
		Rialto High	\$446,800.00	\$531,233.87
<i>Rialto Unified School District Total</i>			<i>\$2,158,268.26</i>	<i>\$2,347,702.13</i>
<b>Riverside Unified School District</b>				
685	11/10/2015	EOC	\$587,693.57	\$596,861.99
		Highgrove Elementary	\$388,158.31	\$388,158.31
		John W. North High School	\$336,829.59	\$340,720.56
<i>Riverside Unified School District Total</i>			<i>\$1,312,681.47</i>	<i>\$1,325,740.86</i>
<b>Roseville City Elementary</b>				
156	2/23/2015	Warren T. Eich Middle	\$245,214.00	\$281,691.11
<i>Roseville City Elementary Total</i>			<i>\$245,214.00</i>	<i>\$281,691.11</i>
<b>Saddleback Valley Unified School District</b>				
99	12/18/2015	Cielo Vista Elementary School	\$0.00	\$0.00
		La Madera Elementary School	\$91,169.00	\$91,169.00
		Laguna Hills High School	\$0.00	\$0.00
		Lomarena Elementary School	\$0.00	\$0.00
		Mission Viejo High School	\$139,186.00	\$139,186.00
		Olivewood Elementary School	\$66,415.00	\$66,415.00
		San Joaquin Elementary School	\$93,302.00	\$93,302.00
		Trabuco Hills High School	\$296,104.00	\$296,104.00
		Trabuco Mesa Elementary School	\$551,907.00	\$551,907.00
<i>Saddleback Valley Unified School District Total</i>			<i>\$1,238,083.00</i>	<i>\$1,238,083.00</i>
<b>Salmon Creek Charter School</b>				
961	12/11/2015	Salmon Creek Charter School	\$201,821.00	\$234,301.00
<i>Salmon Creek Charter School Total</i>			<i>\$201,821.00</i>	<i>\$234,301.00</i>
<b>San Gabriel Unified School District</b>				
155	5/12/2015	Roosevelt Elementary School	\$0.00	\$0.00
		Washington Elementary School	\$231,001.00	\$270,533.00
		Coolidge Elementary School	\$90,840.00	\$102,123.00
		Del Mar High School	\$0.00	\$0.00
		Jefferson Middle School	\$208,703.00	\$246,943.00
		McKinley Elementary School	\$314,817.00	\$363,417.00
		SGUSD District Office	\$0.00	\$0.00
		Wilson Elementary School	\$284,942.00	\$334,592.00
<i>San Gabriel Unified School District Total</i>			<i>\$1,130,303.00</i>	<i>\$1,317,608.00</i>
<b>Santa Ynez Valley Union High School District</b>				
227	11/30/2015	Santa Ynez Valley Union High	\$269,960.00	\$280,329.00
<i>Santa Ynez Valley Union High School District Total</i>			<i>\$269,960.00</i>	<i>\$280,329.00</i>
<b>Sartorette Charter School</b>				
300	4/1/2015	Sartorette Charter	\$250,301.00	\$389,653.00
<i>Sartorette Charter School Total</i>			<i>\$250,301.00</i>	<i>\$389,653.00</i>
<b>Savanna Elementary</b>				
197	12/12/2014	MOT Warehouses at the District Office	\$65,115.00	\$82,194.82
<i>Savanna Elementary Total</i>			<i>\$65,115.00</i>	<i>\$82,194.82</i>
<b>Sierra Montessori School</b>				

## Appendix B: 2014/2015 Annual Progress Report Data (Completed Projects)

Notes:

1. Reporting on 96 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Sierra Montessori Sch</b>	183	6/26/2015	Sierra Montessori School	\$77,940.00	\$77,940.00
<i>Sierra Montessori School Total</i>				<i>\$77,940.00</i>	<i>\$77,940.00</i>
<b>Snelling Merced Falls Union Elementary</b>					
	163	12/30/2015	Snelling-Merced Falls Union Elementary	\$112,045.00	\$112,045.00
<i>Snelling Merced Falls Union Elementary Total</i>				<i>\$112,045.00</i>	<i>\$112,045.00</i>
<b>Solvang Elementary</b>					
	332	12/22/2015	Solvang Elementary	\$196,645.03	\$200,629.44
<i>Solvang Elementary Total</i>				<i>\$196,645.03</i>	<i>\$200,629.44</i>
<b>Stellar Charter School</b>					
	179	7/23/2015	Stellar Charter	\$202,472.00	\$250,621.00
<i>Stellar Charter School Total</i>				<i>\$202,472.00</i>	<i>\$250,621.00</i>
<b>Stellar Secondary Charter High</b>					
	180	7/23/2015	Stellar Secondary Charter High	\$61,204.00	\$86,374.00
<i>Stellar Secondary Charter High Total</i>				<i>\$61,204.00</i>	<i>\$86,374.00</i>
<b>Temecula Preparatory</b>					
	585	8/25/2015	Temecula Preparatory	\$65,762.00	\$65,762.00
	620	10/29/2014	Temecula Preparatory	\$36,860.00	\$36,860.00
<i>Temecula Preparatory Total</i>				<i>\$102,622.00</i>	<i>\$102,622.00</i>
<b>Temecula Valley Charter School</b>					
	533	8/25/2015	Temecula Valley Charter	\$59,925.00	\$59,925.00
	619	10/29/2014	Temecula Valley Charter School	\$46,470.00	\$46,470.00
<i>Temecula Valley Charter School Total</i>				<i>\$106,395.00</i>	<i>\$106,395.00</i>
<b>Terra Bella Union Elementary School District</b>					
	76	5/1/2015	District Office	\$8,753.00	\$8,753.00
			Carl Smith Middle School	\$129,242.00	\$129,242.00
			Terra Bella Elementary	\$118,005.00	\$118,005.00
<i>Terra Bella Union Elementary School District Total</i>				<i>\$256,000.00</i>	<i>\$256,000.00</i>
<b>Tustin Unified School District</b>					
	165	9/1/2015	Currie Middle School	\$171,105.39	\$171,105.39
			Guin Foss Elementary School	\$534,645.11	\$1,109,766.45
<i>Tustin Unified School District Total</i>				<i>\$705,750.50</i>	<i>\$1,280,871.84</i>
<b>Twin Ridges Home Study Charter</b>					
	440	12/22/2015	Twin Ridges Home Study Charter	\$26,425.68	\$26,425.68
<i>Twin Ridges Home Study Charter Total</i>				<i>\$26,425.68</i>	<i>\$26,425.68</i>
<b>Washington Unified</b>					
	503	9/4/2015	Washington High	\$540,122.09	\$671,088.00
<i>Washington Unified Total</i>				<i>\$540,122.09</i>	<i>\$671,088.00</i>
<b>Weimar Hills Charter</b>					
	15	5/14/2014	Weimar Hills School	\$121,266.00	\$127,356.00
<i>Weimar Hills Charter Total</i>				<i>\$121,266.00</i>	<i>\$127,356.00</i>
<b>Wheatland Charter Academy</b>					
	347	6/25/2015	Wheatland Charter Academy	\$6,713.00	\$8,113.00
<i>Wheatland Charter Academy Total</i>				<i>\$6,713.00</i>	<i>\$8,113.00</i>
<b>Wheatland Elementary School District</b>					



## Appendix B: 2014/2015 Annual Progress Report Data (Completed Projects)

Notes:

1. Reporting on 96 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b><u>Wheatland Elementary</u></b>	346	6/25/2015	District Office	\$34,658.00	\$32,760.00
			Bear River Middle	\$222,652.00	\$250,652.00
			Lone Tree Elementary	\$68,346.00	\$184,729.00
			Wheatland Elementary	\$127,163.00	\$163,163.00
<i>Wheatland Elementary School District Total</i>				<i>\$452,819.00</i>	<i>\$631,304.00</i>
<b>Williams Unified School District</b>					
	53	2/1/2015	Williams High School	\$318,705.00	\$318,705.00
			Williams Middle School	\$143,123.00	\$143,123.00
<i>Williams Unified School District Total</i>				<i>\$461,828.00</i>	<i>\$461,828.00</i>
<b>Willows Unified School District</b>					
	145	5/12/2015	Murdock Elementary School	\$347,235.00	\$442,990.00
			Willows High School	\$204,835.00	\$326,785.00
<i>Willows Unified School District Total</i>				<i>\$552,070.00</i>	<i>\$769,775.00</i>
Grand Total				\$55,770,776.82	\$70,689,039.35

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.

2.The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

LEA Name	Energy Expenditure Plan ID	Site Name	Estimated Completion Date	Reported Proposition 39 Share Spent (\$)	Reported Amount Spent for Measure Installation (\$)
<b>ABC Unified School District</b>					
	362	Aloha Elementary School	9/1/2016	\$0.00	\$0.00
		Hawaiian Elementary School	9/1/2016	\$0.00	\$0.00
		Leal Elementary School	9/1/2016	\$0.00	\$0.00
		Palms Elementary School	9/1/2016	\$0.00	\$0.00
		Stowers Elementary School	9/1/2016	\$0.00	\$0.00
<i>ABC Unified School District Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Acalanes Union High School District</b>					
	125	Campolindo High School	11/30/2015	\$241,205.24	\$428,384.00
		Las Lomas High School	1/31/2016	\$199,496.98	\$389,307.00
		Miramonte High School	10/31/2015	\$63,823.59	\$76,770.00
<i>Acalanes Union High School District Total</i>				<i>\$504,525.81</i>	<i>\$894,461.00</i>
<b>Achieve Charter School</b>					
	384	Achieve Charter School	6/1/2020	\$14,346.00	\$14,346.00
<i>Achieve Charter School Total</i>				<i>\$14,346.00</i>	<i>\$14,346.00</i>
<b>Alameda County Office of Education</b>					
	1	Burke Center	11/1/2016	\$0.00	\$0.00
<i>Alameda County Office of Education Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Alameda Unified School District</b>					
	126	Alameda High School	12/31/2017	\$8,543.34	\$8,543.34
		Bay Farm Elementary School	12/31/2016	\$4,739.32	\$4,739.32
		Donald Lum Elementary School	12/31/2016	\$718.10	\$718.10
		Encinal High School	12/31/2016	\$6,394.34	\$6,394.34
		Franklin Elementary School	12/31/2016	\$378.21	\$378.21
		Henry Height Elementary School	12/30/2016	\$3,125.77	\$3,125.77
		Lincoln Middle School	12/31/2016	\$7,015.96	\$7,015.96
		Maya Lin Elementary School	12/31/2016	\$733.82	\$733.82
		Otis Elementary School	12/31/2016	\$9,345.74	\$9,345.74
		Paden Elementary School	12/31/2016	\$16,540.52	\$16,540.52
		Ruby Bridges Elementary School	12/31/2016	\$6,571.08	\$6,571.08
		Will C. Wood Middle School	12/31/2016	\$929.93	\$929.93
<i>Alameda Unified School District Total</i>				<i>\$65,036.13</i>	<i>\$65,036.13</i>
<b>Allensworth Elementary</b>					
	693	Allensworth Elementary	5/27/2016	\$21,062.50	\$21,062.50
<i>Allensworth Elementary Total</i>				<i>\$21,062.50</i>	<i>\$21,062.50</i>
<b>Alta Loma Elementary</b>					
	630	Alta Loma Junior High	9/30/2016	\$1,200.00	\$1,200.00
		Banyan Elementary	9/30/2016	\$5,000.00	\$5,000.00
		Carnelian Elementary	9/30/2016	\$3,000.00	\$3,000.00
		District Support Center	9/30/2016	\$2,000.00	\$2,000.00
		Vineyard Junior High	9/30/2016	\$5,700.00	\$5,700.00
<i>Alta Loma Elementary Total</i>				<i>\$16,900.00</i>	<i>\$16,900.00</i>
<b>Alvina Elementary</b>					
	262	Alvina Elementary	2/2/2018	\$141,275.00	\$141,275.00
<i>Alvina Elementary Total</i>				<i>\$141,275.00</i>	<i>\$141,275.00</i>

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Anderson Union High School District</b>					
	131	Anderson Union High School	6/30/2018	\$90,113.00	\$90,113.00
<i>Anderson Union High School District Total</i>				<i>\$90,113.00</i>	<i>\$90,113.00</i>
<b>Antelope Valley Union High School District</b>					
	111	Highland High School	1/31/2016	\$1,154,144.55	\$15,154,144.55
<i>Antelope Valley Union High School District Total</i>				<i>\$1,154,144.55</i>	<i>\$15,154,144.55</i>
<b>Arcohe USD</b>					
	390	Arcohe Elementary School	9/12/2014	\$53,214.00	\$53,214.00
<i>Arcohe USD Total</i>				<i>\$53,214.00</i>	<i>\$53,214.00</i>
<b>ASA Charter</b>					
	599	ASA Charter	6/3/2016	\$91,426.51	\$91,426.51
<i>ASA Charter Total</i>				<i>\$91,426.51</i>	<i>\$91,426.51</i>
<b>Aspire Alexander Twilight College Prep Academy</b>					
	265	Aspire Alexander Twilight College f	6/30/2020	\$0.00	\$0.00
<i>Aspire Alexander Twilight College Prep Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Aspire Alexander Twilight Secondary Academy</b>					
	595	Aspire Alexander Twilight Seconda	6/30/2020	\$0.00	\$0.00
<i>Aspire Alexander Twilight Secondary Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Aspire Antonio Maria Lugo Academy</b>					
	370	Aspire Antonio Maria Lugo Acaden	6/30/2020	\$0.00	\$0.00
<i>Aspire Antonio Maria Lugo Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Aspire APEX Academy</b>					
	309	Aspire APEX Academy	6/30/2020	\$0.00	\$0.00
<i>Aspire APEX Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Aspire Berkley Maynard</b>					
	342	Aspire Berkley Maynard Academy	6/30/2020	\$0.00	\$0.00
<i>Aspire Berkley Maynard Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Aspire East Palo Alto Charter</b>					
	330	Aspire East Palo Alto Charter	6/30/2020	\$0.00	\$0.00
<i>Aspire East Palo Alto Charter Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Aspire ERES Academy</b>					
	233	Aspire ERES Academy	6/30/2020	\$23,536.00	\$23,536.00
<i>Aspire ERES Academy Total</i>				<i>\$23,536.00</i>	<i>\$23,536.00</i>
<b>Aspire Firestone Academy</b>					
	373	Aspire Firestone Academy	6/30/2020	\$0.00	\$0.00
<i>Aspire Firestone Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Aspire Gateway Academy</b>					
	372	Aspire Gateway Academy	6/30/2020	\$0.00	\$0.00
<i>Aspire Gateway Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Aspire Golden State College Preparatory Academy</b>					
	735	Aspire Golden State College Prepai	6/30/2020	\$0.00	\$0.00
<i>Aspire Golden State College Preparatory Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Aspire Inskip Academy</b>					
377	Aspire Inskip Academy	6/30/2020	\$0.00	\$0.00	
<i>Aspire Inskip Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire Juanita Tate Academy</b>					
376	Aspire Juanita Tate Academy	6/30/2020	\$0.00	\$0.00	
<i>Aspire Juanita Tate Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire Junior Collegiate Academy</b>					
371	Aspire Junior Collegiate Academy	6/30/2020	\$0.00	\$0.00	
<i>Aspire Junior Collegiate Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire Langston Hughes Academy</b>					
308	Aspire Langston Hughes Academy	6/30/2020	\$0.00	\$0.00	
<i>Aspire Langston Hughes Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire Lionel Wilson Academy</b>					
321	Aspire Lionel Wilson Academy	6/30/2020	\$0.00	\$0.00	
<i>Aspire Lionel Wilson Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire Monarch Academy</b>					
584	Aspire Monarch Academy	6/30/2020	\$9,950.44	\$9,950.44	
<i>Aspire Monarch Academy Total</i>			<i>\$9,950.44</i>	<i>\$9,950.44</i>	
<b>Aspire Pacific Academy</b>					
374	Aspire Pacific Academy	6/30/2020	\$0.00	\$0.00	
<i>Aspire Pacific Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire Port City Academy</b>					
601	Aspire Port City Academy	6/30/2020	\$0.00	\$0.00	
<i>Aspire Port City Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire River Oaks Charter</b>					
570	Aspire River Oaks Charter	6/30/2020	\$117,926.00	\$117,926.00	
<i>Aspire River Oaks Charter Total</i>			<i>\$117,926.00</i>	<i>\$117,926.00</i>	
<b>Aspire Slauson Academy</b>					
375	Aspire Slauson Academy	6/30/2020	\$0.00	\$0.00	
<i>Aspire Slauson Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire Titan Academy</b>					
369	Aspire Titan Academy	6/30/2020	\$0.00	\$0.00	
<i>Aspire Titan Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire University Charter</b>					
653	Aspire University Charter	6/30/2020	\$0.00	\$0.00	
<i>Aspire University Charter Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Aspire Vincent Shalvey Academy</b>					
593	Aspire Vincent Shalvey Academy	6/30/2020	\$5,850.00	\$5,850.00	
<i>Aspire Vincent Shalvey Academy Total</i>			<i>\$5,850.00</i>	<i>\$5,850.00</i>	
<b>Bakersfield City</b>					
548	Colonel Howard Nichols Elementar	9/30/2016	\$375,081.47	\$377,951.47	
<i>Bakersfield City Total</i>			<i>\$375,081.47</i>	<i>\$377,951.47</i>	

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Bangor Union Elementary</b>					
241	Bangor Union Elementary	6/1/2020	\$16,159.00	\$16,159.00	
<i>Bangor Union Elementary Total</i>			<i>\$16,159.00</i>	<i>\$16,159.00</i>	
<b>Beaumont Unified School District</b>					
318	Anna Hause Elementary School	3/31/2016	\$0.00	\$0.00	
	Beaumont Senior High School	3/31/2016	\$0.00	\$0.00	
	Brookside Elementary School	3/31/2016	\$0.00	\$0.00	
	Mountain View Middle School	12/31/2016	\$0.00	\$0.00	
	San Gorgonio Middle School	3/31/2016	\$0.00	\$0.00	
	Sundance Elementary School	3/31/2016	\$0.00	\$0.00	
	Three Ring Ranch Elementary Scho	3/31/2016	\$0.00	\$0.00	
	Tournament Hills Elementary Scho	3/31/2016	\$0.00	\$0.00	
<i>Beaumont Unified School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Belmont-Redwood Shores School District</b>					
112	BRSSD District Office	2/1/2016	\$50,025.00	\$90,929.00	
	Ralston Middle School	9/1/2015	\$365,000.00	\$917,404.47	
<i>Belmont-Redwood Shores School District Total</i>			<i>\$415,025.00</i>	<i>\$1,008,333.47</i>	
<b>Bennett Valley Union Elementary School District</b>					
396	Strawberry Elementary	8/31/2016	\$2,561.00	\$2,561.00	
	Yulupa Elementary	8/31/2017	\$3,259.00	\$3,259.00	
<i>Bennett Valley Union Elementary School District Total</i>			<i>\$5,820.00</i>	<i>\$5,820.00</i>	
<b>Big Picture High School</b>					
263	Big Picture High School	6/30/2017	\$67,950.00	\$67,950.00	
<i>Big Picture High School Total</i>			<i>\$67,950.00</i>	<i>\$67,950.00</i>	
<b>Big Pine Unified</b>					
429	Big Pine Elementary School	1/8/2016	\$0.00	\$0.00	
	Big Pine High School	1/8/2016	\$0.00	\$0.00	
<i>Big Pine Unified Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Big Valley Joint Unified</b>					
382	Big Valley Elementary	9/30/2016	\$179,420.00	\$179,420.00	
	Big Valley Jr Sr High School	9/30/2016	\$16,282.00	\$16,282.00	
<i>Big Valley Joint Unified Total</i>			<i>\$195,702.00</i>	<i>\$195,702.00</i>	
<b>Bishop Unified</b>					
583	Bishop Union High	2/26/2016	\$0.00	\$0.00	
	Home Street Middle	2/26/2016	\$0.00	\$0.00	
<i>Bishop Unified Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Blackford Elementary School</b>					
69	Blackford Elementary School	7/31/2017	\$2,847.82	\$2,847.82	
<i>Blackford Elementary School Total</i>			<i>\$2,847.82</i>	<i>\$2,847.82</i>	
<b>Bonita Unified School District</b>					
337	Allen Avenue Elementary	7/29/2016	\$0.00	\$0.00	
	Arma J. Shull Elementary	7/15/2015	\$51,710.00	\$51,710.00	
	Bonita High	7/29/2016	\$0.00	\$0.00	
	Chaparral High (Continuation)	7/29/2016	\$0.00	\$0.00	
	Fred Ekstrand Elementary	7/29/2016	\$0.00	\$0.00	
	Gladstone Elementary	7/15/2015	\$94,393.00	\$94,393.00	
	Grace Miller Elementary	7/29/2016	\$0.00	\$0.00	

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.

2.The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Bonita Unified School</b>		337	J. Marion Roynon Elementary	7/15/2015	\$91,351.05	\$91,351.05
			La Verne Heights Elementary	7/15/2015	\$69,643.50	\$69,643.00
			Lone Hill Middle	7/15/2015	\$68,434.20	\$68,434.20
			Oak Mesa Elementary	7/15/2015	\$0.00	\$0.00
			Ramona Middle	7/15/2015	\$69,643.50	\$69,643.50
			San Dimas High	7/29/2016	\$0.00	\$0.00
<i>Bonita Unified School District Total</i>					<i>\$445,175.25</i>	<i>\$445,174.75</i>
<b>Bonny Doon Elementary</b>		361	Bonny Doon Elementary	3/31/2016	\$99,565.00	\$99,565.00
<i>Bonny Doon Elementary Total</i>					<i>\$99,565.00</i>	<i>\$99,565.00</i>
<b>Bowman Charter</b>		655	Bowman Charter	8/5/2016	\$0.00	\$0.00
<i>Bowman Charter Total</i>					<i>\$0.00</i>	<i>\$0.00</i>
<b>Brentwood Union Elementary</b>		489	Adams (J. Douglas) Middle	12/31/2016	\$10,534.74	\$10,534.74
			Brentwood Elementary	12/31/2016	\$1,374.11	\$1,374.11
			District Office	12/31/2016	\$737.49	\$737.49
			Edna Hill Middle	12/31/2016	\$12,203.77	\$12,203.77
			Garin Elementary	12/31/2016	\$995.98	\$995.98
			Loma Vista Elementary	12/31/2016	\$25,136.97	\$25,136.97
			Marsh Creek Elementary	12/31/2016	\$656.46	\$656.46
			Mary Casey Black Elementary	12/31/2016	\$1,119.46	\$1,119.46
			Pioneer Elementary	12/31/2016	\$1,397.26	\$1,397.26
			R. Paul Krey Elementary	12/31/2016	\$1,081.42	\$1,081.42
			Ron Nunn Elementary	12/31/2016	\$13,913.00	\$13,913.00
			William B. Bristow Middle	12/31/2016	\$10,480.66	\$10,480.66
<i>Brentwood Union Elementary Total</i>					<i>\$79,631.32</i>	<i>\$79,631.32</i>
<b>Buellton Union Elementary</b>		393	Jonata Middle	12/31/2018	\$22,716.45	\$22,716.45
			Oak Valley Elementary	12/31/2018	\$1,658.88	\$1,658.88
<i>Buellton Union Elementary Total</i>					<i>\$24,375.33</i>	<i>\$24,375.33</i>
<b>Buttonwillow Union Elementary</b>		692	Buttonwillow Elementary	2/29/2016	\$0.00	\$0.00
<i>Buttonwillow Union Elementary Total</i>					<i>\$0.00</i>	<i>\$0.00</i>
<b>Cajon Valley Union</b>		464	Anza Elementary	9/30/2017	\$0.00	\$0.00
			Avocado Elementary	9/30/2017	\$0.00	\$0.00
			Blossom Valley Elementary	9/30/2017	\$0.00	\$0.00
			Bostonia Elementary	9/30/2017	\$0.00	\$0.00
			Cajon Valley Community Day	9/30/2017	\$0.00	\$0.00
			Cajon Valley Middle	9/30/2017	\$0.00	\$0.00
			Chase Avenue Elementary	9/30/2017	\$0.00	\$0.00
			Crest Elementary	6/30/2017	\$0.00	\$0.00
			District Office	9/30/2017	\$0.00	\$0.00
			Emerald Middle	9/30/2017	\$0.00	\$0.00
			Flying Hills Elementary	9/30/2017	\$0.00	\$0.00
			Fuerte Elementary	9/30/2017	\$0.00	\$0.00
			Greenfield Middle	9/30/2017	\$0.00	\$0.00
			Hillsdale Middle	9/30/2017	\$0.00	\$0.00
			Jamacha Elementary	9/30/2017	\$0.00	\$0.00

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Notes:

1. Reporting on 296 total Energy Expenditure Plans.

2.The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

Cajon Valley Union	464	Johnson Elementary	9/30/2017	\$0.00	\$0.00
		Los Coches Creek Middle	9/30/2017	\$0.00	\$0.00
		Madison Avenue Elementary	9/30/2017	\$0.00	\$0.00
		Magnolia Elementary	9/30/2017	\$0.00	\$0.00
		Meridian Elementary	9/30/2017	\$0.00	\$0.00
		Montgomery Middle	9/30/2017	\$0.00	\$0.00
		Naranca Elementary	9/30/2017	\$0.00	\$0.00
		Rancho San Diego Elementary	9/30/2017	\$0.00	\$0.00
		Rios Elementary	9/30/2017	\$0.00	\$0.00
		Sevick Special Education	9/30/2017	\$0.00	\$0.00
		Vista Grande Elementary	9/30/2017	\$0.00	\$0.00
		W. D. Hall Elementary	9/30/2017	\$0.00	\$0.00
		Cajon Valley Union Total			\$0.00
Calistoga Joint Unified School District					
	225	Calistoga Jr/Sr High School	4/8/2016	\$14,438.00	\$14,438.00
Calistoga Joint Unified School District Total				\$14,438.00	\$14,438.00
Campbell Union School District					
	79	Campbell Middle School	7/31/2017	\$31,335.32	\$31,335.32
Campbell Union School District Total				\$31,335.32	\$31,335.32
Camptonville Academy					
	602	Camptonville Academy	6/30/2017	\$124,994.48	\$124,994.48
Camptonville Academy Total				\$124,994.48	\$124,994.48
Capri Elementary School					
	80	Capri Elementary School	7/31/2017	\$327.00	\$327.00
Capri Elementary School Total				\$327.00	\$327.00
Carter G. Woodson					
	385	Carter G Woodson Public Charter	3/30/2018	\$0.00	\$0.00
Carter G. Woodson Total				\$0.00	\$0.00
Cecil Avenue Math & Science Academy					
	28	Cecil Avenue Charter School	3/31/2016	\$243,156.00	\$282,756.00
Cecil Avenue Math & Science Academy Total				\$243,156.00	\$282,756.00
Center Joint Unified					
	704	Center High School	9/1/2016	\$0.00	\$0.00
Center Joint Unified Total				\$0.00	\$0.00
Central Union Elementary School District					
	673	Akers Elementary School	11/30/2015	\$22,636.00	\$22,636.00
		Central Elementary School	11/30/2015	\$295,891.00	\$295,891.00
		Stratford Elementary School	11/30/2015	\$52,183.00	\$52,183.00
Central Union Elementary School District Total				\$370,710.00	\$370,710.00
Central Union High School District					
	136	Central Union High School	2/1/2016	\$0.00	\$0.00
		Desert Oasis Continuation High	2/1/2016	\$0.00	\$0.00
		Dsitrict Office	2/1/2016	\$0.00	\$0.00
		Southwest High School	2/1/2016	\$0.00	\$0.00
Central Union High School District Total				\$0.00	\$0.00
Chaffey Joint Union High School District					

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

Chaffey Joint Union H	345	Chaffey High School	5/9/2016	\$18,596.00	\$18,596.00
		Etiwanda High School	5/9/2016	\$16,067.00	\$16,067.00
Chaffey Joint Union High School District Total				\$34,663.00	\$34,663.00
Charter Alternatives Academy					
	523	Charter Alternatives Academy	8/31/2016	\$0.00	\$0.00
Charter Alternatives Academy Total				\$0.00	\$0.00
Chawanakee Unified					
	738	District Office	1/8/2018	\$0.00	\$0.00
		North Fork Elementary	4/8/2015	\$0.00	\$0.00
		Spring Valley Elementary	4/6/2016	\$0.00	\$0.00
Chawanakee Unified Total				\$0.00	\$0.00
Chicago Park Community Charter					
	746	Chicago Park Community Charter	1/8/2016	\$0.00	\$0.00
Chicago Park Community Charter Total				\$0.00	\$0.00
Chicago Park Elementary					
	575	Chicago Park Elementary	1/15/2016	\$0.00	\$0.00
Chicago Park Elementary Total				\$0.00	\$0.00
Chico Country Day School					
	383	Chico Country Day School	12/31/2016	\$14,066.00	\$14,066.00
Chico Country Day School Total				\$14,066.00	\$14,066.00
Chico USD					
	128	Bidwell Junior High	9/1/2016	\$0.00	\$0.00
		Chapman Elementary	9/1/2016	\$0.00	\$0.00
		Chico High	9/1/2018	\$0.00	\$0.00
		Chico Junior High	9/1/2018	\$0.00	\$0.00
		Citrus Avenue Elementary	9/1/2016	\$0.00	\$0.00
		District Office	9/1/2016	\$0.00	\$0.00
		Emma Wilson Elementary	9/1/2017	\$0.00	\$0.00
		Fair View High (Continuation)	9/1/2016	\$0.00	\$0.00
		Hooker Oak Elementary	9/1/2017	\$0.00	\$0.00
		Little Chico Creek Elementary	9/1/2017	\$0.00	\$0.00
		Loma Vista	9/1/2018	\$0.00	\$0.00
		Marigold Elementary	9/1/2018	\$0.00	\$0.00
		Marsh (Harry M.) Junior High	9/1/2016	\$0.00	\$0.00
		McManus (John A.) Elementary	9/1/2018	\$0.00	\$0.00
		Neal Dow Elementary	9/1/2017	\$0.00	\$0.00
		Parkview Elementary	9/1/2017	\$0.00	\$0.00
		Pleasant Valley High	9/1/2018	\$0.00	\$0.00
		Rosedale Elementary	9/1/2018	\$0.00	\$0.00
		Shasta Elementary	9/1/2016	\$0.00	\$0.00
		Sierra View Elementary	9/1/2015	\$0.00	\$0.00
Chico USD Total				\$0.00	\$0.00
Childrens Community Charter					
	315	Childrens Community Charter	4/30/2016	\$0.00	\$0.00
Childrens Community Charter Total				\$0.00	\$0.00
Chino Valley Unified School District					
	580	Butterfield Ranch Elementary	12/31/2015	\$24,396.51	\$24,396.51
		Country Springs Elementary	12/31/2015	\$19,645.73	\$19,645.73



## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.

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Chino Valley Unified School District	580	Don Antonio Lugo High	12/31/2015	\$94,151.89	\$94,151.89
		Glenmeade Elementary	12/31/2015	\$15,022.61	\$15,022.61
		Hidden Trails Elementary	12/31/2015	\$20,028.07	\$20,028.07
		Liberty Elementary	12/31/2015	\$24,109.32	\$24,109.32
		Rolling Ridge Elementary	12/31/2015	\$18,848.45	\$18,848.45
		Woodcrest Junior High	12/31/2015	\$24,026.98	\$24,026.98
		Chino Valley Unified School District Total			\$240,229.56
Chrysalis Charter					
	366	Chrysalis Charter School	6/30/2016	\$100,248.00	\$100,244.40
Chrysalis Charter Total				\$100,248.00	\$100,244.40
Cielo Vista Charter					
	493	Cielo Vista Charter	9/2/2016	\$4,484.45	\$4,484.45
Cielo Vista Charter Total				\$4,484.45	\$4,484.45
Classical Academy					
	123	Classical Academy	6/30/2020	\$21,000.00	\$21,000.00
Classical Academy Total				\$21,000.00	\$21,000.00
Classical Academy High School					
	742	Classical Academy High School	6/30/2020	\$9,000.00	\$9,000.00
Classical Academy High School Total				\$9,000.00	\$9,000.00
Columbine Elementary School					
	26	Columbine Elementary	6/30/2018	\$32,977.00	\$32,977.00
Columbine Elementary School Total				\$32,977.00	\$32,977.00
Contra Costa County Office of Education					
	832	Central County Special Education Programs	6/30/2020	\$0.00	\$0.00
		East County Elementary Special Education	6/30/2020	\$0.00	\$0.00
		Far East County Programs	6/30/2020	\$0.00	\$0.00
		Floyd I. Marchus	6/30/2020	\$0.00	\$0.00
		Golden Gate Community	6/30/2020	\$0.00	\$0.00
		Golden Gate Community - Golden Gate	6/30/2020	\$0.00	\$0.00
		Heritage CCCOE Special Education	6/30/2020	\$0.00	\$0.00
		Stewart Building	6/30/2020	\$0.00	\$0.00
Contra Costa County Office of Education Total				\$0.00	\$0.00
Cotati-Rohnert Park Unified School District					
	133	Evergreen Elementary	7/1/2016	\$331,513.00	\$340,166.00
		John Reed Primary	12/31/2015	\$88,506.00	\$88,505.00
		Rancho Cotati HS	12/31/2015	\$303,903.00	\$330,934.00
		Thomas Page Academy	12/31/2015	\$99,809.00	\$79,847.00
		Waldo Rohnert Intermediate	12/31/2015	\$89,468.00	\$89,468.00
Cotati-Rohnert Park Unified School District Total				\$913,199.00	\$928,920.00
Cutler-Orosi Joint Unified					
	411	Cutler Elementary	8/24/2015	\$0.00	\$0.00
		District Office and Maintenance	8/24/2015	\$0.00	\$0.00
		El Monte Middle	8/24/2015	\$0.00	\$0.00
		Family Education Center	8/24/2015	\$0.00	\$0.00
		Golden Valley Elementary	8/24/2015	\$0.00	\$0.00
		Lovell High	8/24/2015	\$0.00	\$0.00
		Orosi High	8/24/2015	\$0.00	\$0.00
		Palm Elementary	8/24/2015	\$0.00	\$0.00

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

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<i>Cutler-Orosi Joint Unified Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Del Vista Math &amp; Science Academy</b>				
29	Del Vista Math & Science Academy	3/31/2016	\$233,988.00	\$246,599.00
<i>Del Vista Math &amp; Science Academy Total</i>			<i>\$233,988.00</i>	<i>\$246,599.00</i>
<b>Delano Union Elementary School District</b>				
89	Del Vista Elementary School	3/31/2016	\$119,888.00	\$119,888.00
	Fremont School	3/31/2016	\$310,098.00	\$310,098.00
	Nueva Vista Elementary School	3/31/2016	\$84,566.00	\$84,566.00
	Princeton Street Elementary	3/31/2016	\$125,272.00	\$125,272.00
	Terrace Elementary School	3/31/2016	\$332,067.00	\$332,067.00
<i>Delano Union Elementary School District Total</i>			<i>\$971,891.00</i>	<i>\$971,891.00</i>
<b>Delphic Elementary</b>				
87	Delphic Elementary School	8/31/2016	\$0.00	\$0.00
<i>Delphic Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Di Giorgio Elementary</b>				
463	Di Giorgio Elementary	8/31/2016	\$0.00	\$0.00
<i>Di Giorgio Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Dixie Elementary</b>				
57	District Office	6/20/2020	\$5,594.32	\$5,594.32
<i>Dixie Elementary Total</i>			<i>\$5,594.32</i>	<i>\$5,594.32</i>
<b>Douglas City Elementary</b>				
452	Douglas City Elementary	6/30/2020	\$7,280.00	\$7,280.00
<i>Douglas City Elementary Total</i>			<i>\$7,280.00</i>	<i>\$7,280.00</i>
<b>Downey Unified School District</b>				
54	Alameda Elementary	6/30/2020	\$0.00	\$0.00
	Carpenter Elementary	6/30/2020	\$0.00	\$0.00
	Columbus High	6/30/2020	\$0.00	\$0.00
	District Office	6/30/2020	\$0.00	\$0.00
	Doty Middle	6/30/2020	\$0.00	\$0.00
	Downey High	6/30/2020	\$0.00	\$0.00
	Gallatin Elementary	6/30/2020	\$0.00	\$0.00
	Gauldin Elementary	6/30/2020	\$0.00	\$0.00
	Griffiths Middle	6/30/2020	\$0.00	\$0.00
	Imperial Elementary	6/30/2020	\$0.00	\$0.00
	Lewis Elementary	6/30/2020	\$0.00	\$0.00
	Maintenance & Warehouse	6/30/2020	\$0.00	\$0.00
	Old River Elementary	6/30/2020	\$0.00	\$0.00
	Pace Elementary	6/30/2020	\$0.00	\$0.00
	Price Elementary	6/30/2020	\$0.00	\$0.00
	Rio Hondo Elementary	6/30/2020	\$0.00	\$0.00
	Rio San Gabriel Elementary	6/30/2020	\$0.00	\$0.00
	Sussman Middle	6/30/2020	\$0.00	\$0.00
	Transportation	6/30/2020	\$0.00	\$0.00
	Unsworth Elementary	6/30/2020	\$0.00	\$0.00
	Ward Elementary	6/30/2020	\$0.00	\$0.00
	Warren High	6/30/2020	\$0.00	\$0.00
	West Middle	6/30/2020	\$0.00	\$0.00
	Williams Elementary	6/30/2020	\$0.00	\$0.00
<i>Downey Unified School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>

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Notes:

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<b>Dry Creek Joint Elementary School District</b>				
291	Antelope Crossing MS	9/1/2017	\$0.00	\$8,749.50
	Antelope Meadows ES	12/18/2015	\$444,318.00	\$444,318.00
	Quail Glen Elementary School	9/7/2018	\$0.00	\$0.00
<i>Dry Creek Joint Elementary School District Total</i>			<i>\$444,318.00</i>	<i>\$453,067.50</i>
<b>Ducor Union Elementary</b>				
298	Ducor Union Elementary	3/1/2016	\$0.00	\$0.00
<i>Ducor Union Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Dunsmuir Elementary School District</b>				
380	Dunsmuir Elementary School	12/3/2015	\$0.00	\$0.00
<i>Dunsmuir Elementary School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Dunsmuir Joint Union High School District</b>				
320	Dunsmuir High School	8/5/2016	\$0.00	\$0.00
<i>Dunsmuir Joint Union High School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Durham Unified School District</b>				
240	District Office	12/31/2016	\$4,082.50	\$4,082.50
	Durham Elementary School	12/31/2016	\$13,430.00	\$13,430.00
	Durham High School	12/31/2016	\$13,770.00	\$13,770.00
	Durham Intermediate School	12/31/2016	\$13,840.00	\$13,840.00
<i>Durham Unified School District Total</i>			<i>\$45,122.50</i>	<i>\$45,122.50</i>
<b>East Nicolaus Joint Union High</b>				
713	East Nicolaus High	9/30/2015	\$57,475.00	\$57,475.00
<i>East Nicolaus Joint Union High Total</i>			<i>\$57,475.00</i>	<i>\$57,475.00</i>
<b>East Whittier City School District</b>				
108	Ceres Elementary School	12/31/2016	\$74,809.47	\$74,809.47
	District Office / Facilities	8/12/2016	\$0.00	\$0.00
	East Whittier Middle School	12/31/2016	\$0.00	\$0.00
	Evergreen Elementary School	12/31/2016	\$85,732.10	\$85,732.10
	Granada Middle School	3/4/2016	\$0.00	\$0.00
	Hillview Middle School	5/27/2016	\$0.00	\$0.00
	La Colima Elementary	9/18/2015	\$0.00	\$0.00
	Laurel Elementary	8/19/2016	\$0.00	\$0.00
	Leffingwell Elementary School	12/31/2016	\$0.00	\$0.00
	Mar Vista Early Childhood Ctr	4/8/2016	\$0.00	\$0.00
	Mulberry Elementary School	12/31/2016	\$95,314.47	\$95,314.47
	Murphy Ranch Elementary	8/14/2015	\$0.00	\$0.00
	Ocean View Elementary	5/31/2016	\$0.00	\$0.00
	Orchard Dale Elementary	9/30/2016	\$0.00	\$0.00
	Scott Ave. Elementary School	10/31/2016	\$0.00	\$0.00
<i>East Whittier City School District Total</i>			<i>\$255,856.04</i>	<i>\$255,856.04</i>
<b>Eastside Union Elementary</b>				
527	Eastside Elementary	6/30/2016	\$36,618.00	\$36,618.00
	Tierra Bonita Elementary	6/30/2016	\$432,464.00	\$432,464.00
<i>Eastside Union Elementary Total</i>			<i>\$469,082.00</i>	<i>\$469,082.00</i>
<b>Edison-Bethune Charter Academy</b>				
406	Edison-Bethune Charter Academy	2/28/2018	\$102,702.80	\$102,702.80
<i>Edison-Bethune Charter Academy Total</i>			<i>\$102,702.80</i>	<i>\$102,702.80</i>

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

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<b>EJE Elementary Academy Charter</b>					
643	EJE Elementary Academy Charter	6/30/2020	\$0.00	\$0.00	
<i>EJE Elementary Academy Charter Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>EJE Middle Academy</b>					
644	EJE Middle Academy	6/30/2020	\$0.00	\$0.00	
<i>EJE Middle Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Elkins Elementary</b>					
642	Elkins Elementary	4/7/2015	\$4,204.00	\$4,204.00	
<i>Elkins Elementary Total</i>			<i>\$4,204.00</i>	<i>\$4,204.00</i>	
<b>Empire Union Elementary</b>					
473	Alice N. Stroud Elementary	3/1/2016	\$0.00	\$0.00	
	Bernard L. Hughes Elementary	3/1/2016	\$0.00	\$0.00	
	District Office	3/1/2016	\$0.00	\$0.00	
	Norman N. Glick Middle	3/1/2016	\$0.00	\$0.00	
<i>Empire Union Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Escondido Charter High</b>					
75	Escondido Charter High	6/30/2020	\$0.00	\$0.00	
<i>Escondido Charter High Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Esparto Unified</b>					
138	Esparto K-8	6/30/2016	\$0.00	\$195,279.00	
<i>Esparto Unified Total</i>			<i>\$0.00</i>	<i>\$195,279.00</i>	
<b>Exploer Elementary</b>					
779	Explorer Elementary	8/31/2016	\$155,885.13	\$155,885.13	
<i>Exploer Elementary Total</i>			<i>\$155,885.13</i>	<i>\$155,885.13</i>	
<b>Fenton Primary Center</b>					
272	Fenton Primary Center	7/10/2015	\$197,460.00	\$197,460.00	
<i>Fenton Primary Center Total</i>			<i>\$197,460.00</i>	<i>\$197,460.00</i>	
<b>Flournoy Union Elementary School District</b>					
209	Flournoy Elementary School	11/25/2014	\$19,829.00	\$19,829.00	
<i>Flournoy Union Elementary School District Total</i>			<i>\$19,829.00</i>	<i>\$19,829.00</i>	
<b>Forest Hill Elementary School</b>					
34	Forest Hill Elementary	7/31/2017	\$38,917.09	\$38,917.09	
<i>Forest Hill Elementary School Total</i>			<i>\$38,917.09</i>	<i>\$38,917.09</i>	
<b>Forest Ranch Charter</b>					
340	Forest Ranch Charter	6/30/2020	\$36,155.60	\$36,155.60	
<i>Forest Ranch Charter Total</i>			<i>\$36,155.60</i>	<i>\$36,155.60</i>	
<b>Forks of Salmon Elementary</b>					
186	Forks of Salmon Elementary	7/1/2016	\$0.00	\$0.00	
<i>Forks of Salmon Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Fowler Unified</b>					
306	Fowler High	2/19/2016	\$0.00	\$0.00	
	Fremont Elementary	8/10/2015	\$253,985.00	\$597,218.00	
<i>Fowler Unified Total</i>			<i>\$253,985.00</i>	<i>\$597,218.00</i>	

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Fremont Union High School District</b>					
182	Cupertino High	4/30/2015	\$63,260.21	\$63,260.21	
	Fremont High	4/29/2016	\$44,237.00	\$44,237.00	
	Homestead High	8/5/2016	\$40,292.74	\$40,292.74	
	Lynbrook High	7/31/2015	\$101,899.91	\$101,899.91	
	Monta Vista High	6/30/2016	\$87,402.36	\$87,402.36	
<i>Fremont Union High School District Total</i>			<i>\$337,092.22</i>	<i>\$337,092.22</i>	
<b>Fresno Unified</b>					
184	Roosevelt High School	6/30/2016	\$0.00	\$0.00	
<i>Fresno Unified Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Galt Joint Union Elementary</b>					
549	Transporation Garage	6/16/2015	\$5,489.98	\$5,489.98	
	Valley Oaks Elementary	10/31/2016	\$19,680.00	\$19,680.00	
	Vernon E. Greer Elementary	10/31/2016	\$0.00	\$0.00	
<i>Galt Joint Union Elementary Total</i>			<i>\$25,169.98</i>	<i>\$25,169.98</i>	
<b>Garden Grove Unified</b>					
450	Bolsa Grande High	5/31/2019	\$20,894.80	\$20,894.80	
	Edward Russell Elementary	8/31/2017	\$0.00	\$0.00	
	Los Amigos High	3/31/2019	\$237,976.31	\$237,976.31	
	Newhope Elementary	8/31/2017	\$0.00	\$0.00	
	Santiago High	3/31/2019	\$20,894.80	\$20,894.80	
<i>Garden Grove Unified Total</i>			<i>\$279,765.91</i>	<i>\$279,765.91</i>	
<b>General Shafter Elementary</b>					
691	General Shafter Elementary	8/31/2018	\$78,564.19	\$78,564.19	
<i>General Shafter Elementary Total</i>			<i>\$78,564.19</i>	<i>\$78,564.19</i>	
<b>Geyserville Unified School District</b>					
975	Geyserville New Tech Academy	12/1/2016	\$60,562.00	\$60,562.00	
<i>Geyserville Unified School District Total</i>			<i>\$60,562.00</i>	<i>\$60,562.00</i>	
<b>Glendale Unified School District</b>					
9	Admin Building	6/1/2016	\$0.00	\$0.00	
	Glendale High School	12/31/2017	\$0.00	\$0.00	
	Hoover High School	12/1/2016	\$26,121.90	\$26,121.90	
<i>Glendale Unified School District Total</i>			<i>\$26,121.90</i>	<i>\$26,121.90</i>	
<b>Gonzales Unified School District</b>					
274	District Office	9/1/2015	\$39,756.00	\$39,756.00	
	Fairview Middle School	9/1/2015	\$108,979.00	\$108,979.00	
	Gonzales High School	9/1/2015	\$331,391.00	\$331,391.00	
	La Gloria School	9/1/2015	\$70,900.00	\$73,246.00	
<i>Gonzales Unified School District Total</i>			<i>\$551,026.00</i>	<i>\$553,372.00</i>	
<b>Grant Elementary School District</b>					
120	Grant Elementary School	10/27/2015	\$0.00	\$0.00	
<i>Grant Elementary School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Hallmark Charter</b>					
327	Hallmark Charter	8/11/2017	\$1,302.87	\$1,302.87	
<i>Hallmark Charter Total</i>			<i>\$1,302.87</i>	<i>\$1,302.87</i>	

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Hamilton Unified School District</b>					
256	Hamilton Community Day	8/5/2016	\$0.00	\$0.00	
	Hamilton Elementary	8/5/2016	\$0.00	\$0.00	
	Hamilton High School	8/5/2016	\$0.00	\$0.00	
<i>Hamilton Unified School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Hanford Elementary School District</b>					
55	Jefferson Elementary School	8/31/2015	\$0.00	\$0.00	
	Lincoln Elementary School	8/31/2016	\$0.00	\$0.00	
	Monroe Elementary School	8/31/2016	\$0.00	\$0.00	
	Washington Elementary	8/31/2016	\$0.00	\$0.00	
<i>Hanford Elementary School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Happy Valley Elementary</b>					
410	Happy Valley Elementary	1/31/2016	\$127,160.00	\$127,470.00	
<i>Happy Valley Elementary Total</i>			<i>\$127,160.00</i>	<i>\$127,470.00</i>	
<b>Happy Valley Union Elementary School District</b>					
181	Happy Valley Elementary	6/20/2014	\$23,015.50	\$23,015.50	
	Happy Valley Primary	6/21/2014	\$26,370.00	\$26,370.00	
<i>Happy Valley Union Elementary School District Total</i>			<i>\$49,385.50</i>	<i>\$49,385.50</i>	
<b>Hawthorne Elementary</b>					
329	Bud Carson Middle School	6/30/2020	\$0.00	\$0.00	
	Eucalyptus School	6/30/2020	\$0.00	\$0.00	
	Hawthorne Middle School	6/30/2020	\$0.00	\$0.00	
	Jefferson School	6/30/2020	\$0.00	\$0.00	
	Kornblum School	6/30/2020	\$0.00	\$0.00	
	Prairie Vista Middle School	6/30/2020	\$0.00	\$0.00	
	Prairie Vista Middle School South	6/30/2020	\$0.00	\$0.00	
	Romona School	6/30/2020	\$0.00	\$0.00	
	Washington School	6/30/2020	\$0.00	\$0.00	
	York School	6/30/2020	\$0.00	\$0.00	
	Zela Davis School	6/30/2020	\$0.00	\$0.00	
<i>Hawthorne Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Heritage K-8</b>					
74	Heritage K-8 Charter	6/30/2020	\$43,589.00	\$43,589.00	
<i>Heritage K-8 Total</i>			<i>\$43,589.00</i>	<i>\$43,589.00</i>	
<b>High Tech High</b>					
250	High Tech High	8/31/2016	\$4,681.00	\$4,681.00	
<i>High Tech High Total</i>			<i>\$4,681.00</i>	<i>\$4,681.00</i>	
<b>High Tech High Media Arts</b>					
778	High Tech High Media Arts	8/31/2016	\$62,060.33	\$77,251.00	
<i>High Tech High Media Arts Total</i>			<i>\$62,060.33</i>	<i>\$77,251.00</i>	
<b>High Tech Middle Media Arts</b>					
777	High Tech Middle Media Arts	8/31/2016	\$62,060.33	\$77,251.00	
<i>High Tech Middle Media Arts Total</i>			<i>\$62,060.33</i>	<i>\$77,251.00</i>	
<b>HighTech High International</b>					
45	High Tech High International	8/31/2016	\$1,430.00	\$1,430.00	
<i>HighTech High International Total</i>			<i>\$1,430.00</i>	<i>\$1,430.00</i>	

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<b>HighTech Middle</b>					
	46	High Tech Middle	8/31/2016	\$54,875.00	\$54,875.00
<i>HighTech Middle Total</i>				<i>\$54,875.00</i>	<i>\$54,875.00</i>
<b>Hillsborough City Elementary</b>					
	480	Crocker Middle	8/15/2018	\$0.00	\$0.00
		District Office	8/15/2018	\$0.00	\$0.00
		North Hillsborough	8/15/2018	\$0.00	\$0.00
		South Hillsborough	8/15/2018	\$0.00	\$0.00
		West Hillsborough	8/15/2018	\$0.00	\$0.00
<i>Hillsborough City Elementary Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Holly Drive Leadership Academy</b>					
	313	Holly Drive Leadership Acad.	8/31/2016	\$0.00	\$0.00
<i>Holly Drive Leadership Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Huntington Beach Union High School District</b>					
	247	Edison High School	1/29/2016	\$269,138.00	\$269,408.00
		Fountain Valley High School	1/29/2016	\$132,377.75	\$398,201.05
		Huntington Beach High School	1/29/2016	\$0.00	\$484,698.75
		Marina High School	1/29/2016	\$133,054.99	\$252,191.61
		Ocean View High School	1/29/2016	\$90,782.00	\$187,792.50
		Valley Vista High School	1/29/2016	\$52,958.70	\$52,958.70
		Westminster High School	1/29/2016	\$416,833.56	\$416,833.56
<i>Huntington Beach Union High School District Total</i>				<i>\$1,095,145.00</i>	<i>\$2,062,084.17</i>
<b>Inspire School of Arts and Sciences</b>					
	508	Inspire School of Arts and Sciences	6/30/2019	\$1,530.50	\$1,530.50
<i>Inspire School of Arts and Sciences Total</i>				<i>\$1,530.50</i>	<i>\$1,530.50</i>
<b>Inyo County Office of Education</b>					
	579	Inyo County Office of Education Di:	12/21/2015	\$3,468.00	\$3,468.00
		Jill Kinmont Boothe	12/21/2015	\$27,292.00	\$67,856.00
<i>Inyo County Office of Education Total</i>				<i>\$30,760.00</i>	<i>\$71,324.00</i>
<b>Jacoby Creek</b>					
	600	Jacoby Creek	8/30/2019	\$0.00	\$0.00
<i>Jacoby Creek Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Janesville Union Elementary</b>					
	723	Janesville Elementary	6/30/2015	\$0.00	\$0.00
<i>Janesville Union Elementary Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Jurupa Unified School District</b>					
	117	Camino Real ES	2/1/2016	\$17,352.84	\$18,059.00
		Education Center	2/1/2016	\$53,575.35	\$55,647.51
		Glen Avon ES	2/1/2016	\$76,764.60	\$78,591.00
		Granite Hill ES	2/1/2016	\$31,253.06	\$32,461.86
		Ina Arbuckle ES	2/1/2016	\$44,390.24	\$44,772.56
		Indian Hills ES	2/1/2016	\$19,137.99	\$19,862.79
		Jurupa MS & Rio Vista Cont.	2/1/2016	\$50,948.75	\$51,926.91
		Jurupa Valley HS	2/1/2016	\$367,358.46	\$376,215.66
		Maintenance, Operations, & T	2/1/2016	\$36,919.36	\$38,394.00
		Mira Loma MS	2/1/2016	\$186,952.44	\$188,213.96
		Mission Bell ES	2/1/2016	\$30,621.91	\$30,728.47
		Mission MS	2/1/2016	\$101,378.29	\$102,717.57

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Jurupa Unified School	117	Nueva Vista Continuation HS	2/1/2016	\$10,683.64	\$11,080.28
		Pacific Avenue ES	2/1/2016	\$34,324.34	\$35,089.30
		Patriot HS	2/1/2016	\$235,502.39	\$243,790.55
		Pedley ES	2/1/2016	\$27,847.38	\$28,216.90
		Peralta ES	2/1/2016	\$29,301.19	\$30,528.87
		Rubidoux HS	2/1/2016	\$372,998.83	\$379,041.39
		Rustic Lane ES	2/1/2016	\$53,716.94	\$54,761.50
		Sky Country ES	2/1/2016	\$20,093.62	\$20,845.22
		Stone Avenue ES	2/1/2016	\$29,188.20	\$30,327.96
		Sunnyslope ES	2/1/2016	\$6,720.57	\$6,970.97
		Troth ES	2/1/2016	\$26,527.73	\$27,539.33
		Van Buren ES	2/1/2016	\$4,077.28	\$4,254.32
		West Riverside ES	2/1/2016	\$39,091.41	\$40,690.13
		Jurupa Unified School District Total			\$1,906,726.81
Kentfield Elementary					
	239	Adaline E. Kent Middle	12/9/2015	\$61,632.71	\$69,363.84
		Anthony G. Bacich Elementary	12/9/2015	\$41,889.05	\$47,041.57
		District Office	12/9/2015	\$6,841.38	\$8,093.61
Kentfield Elementary Total				\$110,363.14	\$124,499.02
Kerman Unified					
	292	Enterprise High	8/5/2016	\$0.00	\$0.00
		Kerman Middle	8/5/2016	\$0.00	\$0.00
		Kerman-Floyd Elementary	8/5/2016	\$0.00	\$0.00
		Liberty Elementary	8/5/2016	\$0.00	\$0.00
		Sun Empire Elementary	8/5/2016	\$0.00	\$0.00
Kerman Unified Total				\$0.00	\$0.00
Kings River Union Elementary					
	443	Kings River Elementary	9/11/2015	\$0.00	\$0.00
Kings River Union Elementary Total				\$0.00	\$0.00
Kingsburg Elementary Charter					
	336	District Office	3/1/2016	\$0.00	\$0.00
		Lincoln Elementary	3/1/2016	\$0.00	\$0.00
		Rafere Johnson Junior High	3/1/2016	\$0.00	\$0.00
		Ronald Reagan Elementary	3/1/2016	\$0.00	\$0.00
		Roosevelt Elementary	3/1/2016	\$0.00	\$0.00
		Washington Elementary	3/1/2016	\$0.00	\$0.00
Kingsburg Elementary Charter Total				\$0.00	\$0.00
Klamath River Union Elementary					
	200	Klamath River Elementary	5/1/2016	\$0.00	\$0.00
Klamath River Union Elementary Total				\$0.00	\$0.00
La Canada Unified School District					
	171	La Canada High School	5/31/2016	\$0.00	\$0.00
La Canada Unified School District Total				\$0.00	\$0.00
Lake Elementary School District					
	127	Lake Elementary	4/17/2014	\$21,335.00	\$21,335.00
Lake Elementary School District Total				\$21,335.00	\$21,335.00
Larkspur-Corte Madera					
	202	Hall Middle	8/20/2016	\$0.00	\$0.00



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<b>Larkspur-Corte Madera</b>	202	Neil Cummins Elementary	8/20/2016	\$0.00	\$0.00
<i>Larkspur-Corte Madera Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Las Virgenes Unified</b>					
	622	Agoura High	8/11/2017	\$0.00	\$0.00
		Arthur E. Wright Middle	8/11/2017	\$0.00	\$0.00
		Calabasas High	8/11/2017	\$0.00	\$0.00
		Lupin Hill Elementary	8/18/2017	\$0.00	\$0.00
		Round Meadow Elementary	8/18/2017	\$0.00	\$0.00
		Sumac Elementary	8/18/2017	\$0.00	\$0.00
		White Oak Elementary	8/18/2017	\$0.00	\$0.00
<i>Las Virgenes Unified Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Lassen Union High</b>					
	716	Credence High	8/30/2016	\$0.00	\$0.00
		Lassen High	8/30/2016	\$0.00	\$0.00
<i>Lassen Union High Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Lassen View Union Elementary School District</b>					
	395	Lassen View Elementary	12/31/2017	\$0.00	\$0.00
<i>Lassen View Union Elementary School District Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Laytonville Unified</b>					
	465	Laytonville Elementary	8/31/2018	\$0.00	\$0.00
		Laytonville High	8/31/2018	\$0.00	\$0.00
<i>Laytonville Unified Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Linden Unified School District</b>					
	822	Glenwood Elementary School	6/2/2015	\$25,386.00	\$27,358.00
		Linden Elementary School	6/2/2015	\$39,258.00	\$65,303.86
		Linden High School	6/2/2015	\$39,689.68	\$44,101.68
		Pride High School/ Chartville	6/2/2015	\$10,020.00	\$11,412.24
		Waterloo Middle School	6/2/2015	\$18,065.33	\$19,384.33
		Waverly Elementary School	6/2/2015	\$30,557.00	\$31,543.27
<i>Linden Unified School District Total</i>				<i>\$162,976.01</i>	<i>\$199,103.38</i>
<b>Livermore Valley Joint Unified School District</b>					
	210	Almond Avenue	8/6/2014	\$2,277.16	\$2,277.16
		Altamont Creek	10/23/2014	\$5,020.68	\$5,580.68
		Arroyo Seco	1/15/2016	\$10,210.32	\$11,290.32
		Christensen Middle	7/31/2014	\$2,614.41	\$2,614.41
		Croce	10/16/2014	\$5,105.16	\$5,645.16
		Del Valle High	12/9/2014	\$5,470.32	\$5,470.32
		District Office	8/5/2014	\$5,382.52	\$6,257.52
		East Avenue Middle	9/17/2014	\$2,868.96	\$3,188.96
		Granada High	12/31/2015	\$16,691.70	\$19,957.92
		Jackson Avenue	9/25/2014	\$8,306.85	\$9,506.85
		Junction Avenue K-8	8/22/2014	\$15,699.22	\$17,449.22
		Livermore High School	7/21/2015	\$1,680.00	\$1,680.00
		Maintenance Grounds	3/3/2015	\$2,622.16	\$2,622.16
		Marylin Avenue	2/25/2015	\$1,093.58	\$1,253.58
		Mendenhall Middle	8/12/2014	\$592.19	\$592.19
		Michell K-8	2/19/2015	\$4,534.32	\$5,014.32
		Rancho Las Positas	7/25/2014	\$35,573.84	\$36,208.88
		Smith	7/14/2014	\$5,010.11	\$5,690.11
		Sunset	8/6/2014	\$7,795.06	\$8,775.06

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<i>Livermore Valley Joint Unified School District Total</i>			<i>\$138,548.56</i>	<i>\$151,074.82</i>
<b>Lodi Unified School District</b>				
937	Dorothy Mahin Special Ed	12/1/2015	\$13,076.64	\$13,076.64
	Henderson Community Day	12/1/2015	\$37,416.81	\$37,416.81
	JAESC District Office	7/14/2015	\$37,443.00	\$37,443.00
	Liberty High School	12/1/2015	\$30,689.83	\$38,329.23
	Lockeford Elementary	12/1/2015	\$56,301.03	\$56,301.26
	Plaza Robles	12/1/2015	\$67,179.03	\$82,093.68
	Tokay High School	3/15/2016	\$71,682.27	\$71,682.27
	Victor Elementary	10/26/2015	\$63,466.65	\$68,056.53
<i>Lodi Unified School District Total</i>			<i>\$377,255.26</i>	<i>\$404,399.42</i>
<b>Lompoc Unified School District</b>				
47	Buena Vista Elementary School	8/12/2016	\$0.00	\$0.00
	Cabrillo High School	8/12/2016	\$0.00	\$0.00
	Clarence Ruth Elementary School	8/12/2016	\$0.00	\$0.00
	Crestview Elementary School	8/12/2016	\$0.00	\$0.00
	El Camino Adult Education	8/12/2016	\$0.00	\$0.00
	Fillmore Elementary School	8/12/2016	\$0.00	\$0.00
	Hapgood Elementary School	8/12/2016	\$0.00	\$0.00
	La Canada Elementary School	8/1/2015	\$104,493.00	\$104,493.00
	La Honda Elementary School	8/12/2016	\$0.00	\$0.00
	Lompoc High School	11/18/2015	\$122,750.00	\$122,750.00
	Lompoc Valley Middle School	8/12/2016	\$0.00	\$0.00
	Los Berros Elementary School	8/12/2016	\$0.00	\$0.00
	Maple High School	8/12/2016	\$0.00	\$0.00
	Miguelito Elementary School	8/12/2016	\$0.00	\$0.00
	Mission Valley/Ed Center	8/5/2016	\$0.00	\$0.00
	Vandenberg Middle School	8/12/2016	\$0.00	\$0.00
<i>Lompoc Unified School District Total</i>			<i>\$227,243.00</i>	<i>\$227,243.00</i>
<b>Los Alamitos Unified</b>				
764	Los Alamitos High	1/29/2016	\$622,334.00	\$1,080,620.00
<i>Los Alamitos Unified Total</i>			<i>\$622,334.00</i>	<i>\$1,080,620.00</i>
<b>LOS ANGELES UNIFIED SCHOOL DISTRICT</b>				
109	Marshall High School	4/4/2016	\$553,384.00	\$553,384.00
	Santee Education Complex	4/4/2016	\$693,350.00	\$693,350.00
<i>LOS ANGELES UNIFIED SCHOOL DISTRICT Total</i>			<i>\$1,246,734.00</i>	<i>\$1,246,734.00</i>
<b>Los Olivos Elementary</b>				
61	Los Olivos Elementary	9/1/2017	\$0.00	\$0.00
<i>Los Olivos Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Lucerne Elementary School District</b>				
190	Lucerne Elementary School	5/1/2016	\$0.00	\$0.00
<i>Lucerne Elementary School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Lucia Mar Unified</b>				
445	Arroyo Grande High	5/31/2019	\$0.00	\$0.00
	Branch Elementary	5/31/2019	\$0.00	\$0.00
	Dana Elementary	5/31/2019	\$0.00	\$0.00
	Fairgrove Elementary	5/31/2019	\$0.00	\$0.00
	Grover Beach Elementary	5/31/2019	\$0.00	\$0.00
	Grover Heights Elementary	5/31/2018	\$0.00	\$0.00

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Notes:

1. Reporting on 296 total Energy Expenditure Plans.

2.The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

Lucia Mar Unified	445	Harloe Elementary	5/31/2019	\$0.00	\$0.00
		Judkins Middle	5/31/2019	\$0.00	\$0.00
		Lopez Continuation High	5/31/2019	\$0.00	\$0.00
		Mesa Middle	5/31/2019	\$0.00	\$0.00
		Nipomo Elementary	5/31/2019	\$0.00	\$0.00
		Nipomo High	5/31/2019	\$0.00	\$0.00
		Ocean View Elementary	5/31/2018	\$0.00	\$0.00
		Oceano Elementary	5/31/2019	\$0.00	\$0.00
		Paulding Middle	5/31/2018	\$0.00	\$0.00
		Shell Beach Elementary	5/31/2019	\$0.00	\$0.00
		Lucia Mar Unified Total			\$0.00
Lynwood Unified School District					
92	District Offices	5/1/2015	\$945,658.00	\$945,658.00	
	Lindbergh Elementary	5/1/2015	\$584,633.00	\$584,633.00	
	Lugo Elementary	10/31/2016	\$0.00	\$0.00	
	Mark Twain Elementary	10/31/2016	\$0.00	\$0.00	
	Roosevelt Elementary	10/31/2016	\$0.00	\$0.00	
	Thurgood Marshall Elementary	10/31/2016	\$0.00	\$0.00	
	Will Rogers Elementary	5/1/2015	\$808,968.00	\$808,968.00	
	Lynwood Unified School District Total			\$2,339,259.00	\$2,339,259.00
Marcum-Illinois Union Elementary					
672	Marcum-Illinois Union Elementary	12/31/2015	\$61,719.00	\$61,719.00	
Marcum-Illinois Union Elementary Total			\$61,719.00	\$61,719.00	
Marshall Lane Elementary School					
21	Marshall Lane Elementary School	7/31/2017	\$30,204.17	\$30,204.17	
Marshall Lane Elementary School Total			\$30,204.17	\$30,204.17	
McFarland Unified					
675	Browning Road Elementary	12/31/2015	\$101,031.00	\$101,031.00	
	Kern Avenue Elementary	12/31/2015	\$149,745.00	\$149,745.00	
	McFarland High	12/31/2015	\$71,832.00	\$71,832.00	
	McFarland Middle	12/31/2015	\$130,716.00	\$130,716.00	
McFarland Unified Total			\$453,324.00	\$453,324.00	
McGill School of Success					
302	McGill School of Success	6/30/2020	\$0.00	\$0.00	
McGill School of Success Total			\$0.00	\$0.00	
McSwain Union Elementary					
407	McSwain Elementary	8/31/2016	\$0.00	\$0.00	
McSwain Union Elementary Total			\$0.00	\$0.00	
Menifee Union Elementary					
282	Bell Mountain Middle	12/1/2015	\$232,706.00	\$232,706.00	
	Callie Kirkpatrick Elementary	12/1/2015	\$119,577.00	\$119,577.00	
	Chester Morrison Elementary	12/1/2015	\$92,322.00	\$92,322.00	
	Evans Ranch Elementary	12/1/2015	\$135,993.00	\$135,993.00	
	Freedon Crest Elementary	12/1/2015	\$93,426.00	\$93,426.00	
	Hans Christensen Middle	12/1/2015	\$164,165.00	\$164,165.00	
	Herk Bouris Elementary	12/1/2015	\$105,871.00	\$105,871.00	
	Menifee Valley Middle	12/1/2015	\$202,126.00	\$202,126.00	
	Oak Meadows Elementary	12/1/2015	\$120,208.00	\$120,208.00	
	Quail Valley Elementary	12/1/2015	\$103,508.00	\$103,508.00	

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

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<b>Menifee Union Eleme</b>	282	Ridgemoor Elementary	12/1/2015	\$86,651.00	\$86,651.00
		Southshore Elementary	12/1/2015	\$125,565.00	\$125,565.00
<i>Menifee Union Elementary Total</i>				<i>\$1,582,118.00</i>	<i>\$1,582,118.00</i>
<b>Minarets Charter High</b>	789	Minarets Charter High	2/1/2018	\$0.00	\$0.00
<i>Minarets Charter High Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Mission Union Elementary</b>	244	Mission Elementary	4/20/2015	\$54,995.40	\$54,995.40
<i>Mission Union Elementary Total</i>				<i>\$54,995.40</i>	<i>\$54,995.40</i>
<b>Modoc Joint Unified School District</b>	293	Alturas Elementary School	6/30/2016	\$11,374.20	\$11,374.20
		Modoc High School	6/30/2016	\$25,972.73	\$25,972.73
		Modoc Middle School	6/30/2016	\$19,772.83	\$19,772.83
<i>Modoc Joint Unified School District Total</i>				<i>\$57,119.76</i>	<i>\$57,119.76</i>
<b>Monroe Middle School</b>	70	Monroe Middle School	7/31/2017	\$861.10	\$861.10
<i>Monroe Middle School Total</i>				<i>\$861.10</i>	<i>\$861.10</i>
<b>Monterey Bay County Office of Educatio - Monterey Bay Charter</b>	228	Monterey Bay Charter	11/30/2015	\$86,560.00	\$86,560.32
<i>Monterey Bay County Office of Educatio - Monterey Bay Charter Total</i>				<i>\$86,560.00</i>	<i>\$86,560.32</i>
<b>Monterey County Home Charter</b>	322	Monterey County Home Charter	3/30/2018	\$0.00	\$0.00
<i>Monterey County Home Charter Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Monterey County Office of Education</b>	592	Arthur B. Ingham Center	3/23/2018	\$0.00	\$0.00
		Bard Blades (TMR)	3/23/2018	\$0.00	\$0.00
		Gabilan School for Exceptional	3/23/2018	\$0.00	\$0.00
<i>Monterey County Office of Education Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Monterey Peninsula Unified</b>	555	Central Coast High	2/1/2016	\$9,619.00	\$9,619.00
		Del Rey Woods Elementary	2/1/2016	\$39,183.00	\$39,183.00
		District Office	2/1/2016	\$11,559.55	\$11,559.55
		Dual Language Academy of the Mc	2/1/2016	\$12,929.00	\$12,929.00
		Foothill Elementary	2/1/2016	\$17,998.00	\$17,998.00
		George C. Marshall Elementary	2/1/2016	\$16,917.00	\$16,917.00
		Highland Elementary	2/1/2016	\$32,892.00	\$32,892.00
		Ione Olson Elementary	2/1/2016	\$15,968.00	\$15,968.00
		J. C. Crumpton Elementary	2/1/2016	\$19,422.00	\$19,422.00
		La Mesa Elementary	2/1/2016	\$13,276.00	\$13,276.00
		Los Arboles Middle	2/1/2016	\$19,043.00	\$19,043.00
		Marina Childrens Center	2/1/2016	\$10,513.00	\$10,513.00
		Marina High	2/1/2016	\$100,124.00	\$100,124.00
		Marina Vista Elementary	2/1/2016	\$12,866.00	\$12,866.00
		Martin Luther King	2/1/2016	\$65,463.00	\$65,463.00
		Monte Vista Elementary	11/30/2015	\$10,399.00	\$10,399.00
		Monterey High	2/1/2016	\$70,658.00	\$70,658.00
		MPUSD Special Education	2/1/2016	\$8,095.00	\$8,095.00
		Ord Terrace Elementary	2/1/2016	\$30,041.00	\$30,041.00

## Appendix C: 2014/2015 Annual Progress Report Data

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Monterey Peninsula L	555	Seaside High	2/1/2016	\$31,190.00	\$31,190.00
		Seaside Middle	2/1/2016	\$58,924.00	\$58,924.00
		Trans/Maintenance/IMC	2/1/2016	\$17,164.49	\$17,164.49
		Walter Colton	2/1/2016	\$18,172.00	\$18,172.00
Monterey Peninsula Unified Total				\$642,416.04	\$642,416.04
Moreno Valley Unified School District					
	331	Canyon Springs High School	9/1/2016	\$0.00	\$0.00
		Mountain View Middle School	9/1/2016	\$0.00	\$0.00
Moreno Valley Unified School District Total				\$0.00	\$0.00
Morgan Hill Unified					
	1014	Barrett Elementary	8/24/2015	\$56,347.00	\$56,347.00
		District Office	8/28/2015	\$36,171.00	\$36,171.00
		El Toro Elementary	8/25/2015	\$64,239.00	\$64,240.00
		Jackson Academy of Music and Ma	3/31/2016	\$52,217.00	\$52,217.00
		Lewis H. Britton Middle	8/25/2015	\$0.00	\$0.00
		Los Paseos Elementary	8/25/2015	\$58,124.00	\$58,124.00
		Martin Murphy Middle	8/25/2015	\$9,461.00	\$9,461.00
		Nordstrom Elementary	3/31/2016	\$49,709.00	\$49,709.00
		P. A. Walsh STEAM Academy	8/25/2015	\$47,462.00	\$47,462.00
		Paradise Valley/Machado Elementi	3/31/2016	\$35,962.00	\$35,962.00
		San Martin Gwinn Environmental S	3/31/2016	\$51,068.00	\$51,068.00
Morgan Hill Unified Total				\$460,760.00	\$460,761.00
Mountain View Los Altos High School District					
	223	Los Altos High School	12/31/2016	\$56,000.00	\$56,000.00
		Mountain View High School	12/31/2016	\$0.00	\$0.00
Mountain View Los Altos High School District Total				\$56,000.00	\$56,000.00
Mt. Shasta Union Elementary School District					
	94	Sisson School	9/4/2015	\$98,714.50	\$98,714.50
Mt. Shasta Union Elementary School District Total				\$98,714.50	\$98,714.50
Museum					
	1143	Museum	6/30/2020	\$0.00	\$0.00
Museum Total				\$0.00	\$0.00
Nevada City School of the Arts					
	623	Nevada City School of the Arts	9/1/2018	\$1,000.00	\$1,000.00
Nevada City School of the Arts Total				\$1,000.00	\$1,000.00
Newhall School District					
	193	Dr. J Michael McGrath Elementary	1/29/2016	\$122,295.52	\$122,295.52
		Facilities	1/29/2016	\$26,457.00	\$26,457.00
		Meadows Elementary	1/29/2016	\$15,238.00	\$15,238.00
		Newhall Elementary	1/29/2016	\$260,406.00	\$260,406.00
		NSD District Office	2/2/2015	\$37,008.00	\$37,008.00
		Oak Hills Elementary	1/29/2016	\$52,015.00	\$52,015.00
		Old Orchard Elementary	1/29/2016	\$26,948.00	\$26,948.00
		Peachland Ave Elementary	1/29/2016	\$17,571.00	\$17,571.00
		Pico Canyon Elementary	1/29/2016	\$57,156.00	\$57,156.00
		Stevenson Ranch Elementary	1/29/2016	\$72,791.00	\$72,791.00
		Valencia Valley Elementary	1/29/2016	\$46,360.00	\$46,360.00
		Wiley Canyon Elementary	1/29/2016	\$312,953.00	\$312,953.00
Newhall School District Total				\$1,047,198.52	\$1,047,198.52

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<b>North Oakland Community Charter School</b>					
232	North Oakland Community Charter	6/30/2020	\$29,116.21	\$29,116.21	
<i>North Oakland Community Charter School Total</i>			<i>\$29,116.21</i>	<i>\$29,116.21</i>	
<b>Northern Humboldt Union High School District</b>					
115	Arcata High School	2/1/2016	\$32,604.52	\$32,604.52	
<i>Northern Humboldt Union High School District Total</i>			<i>\$32,604.52</i>	<i>\$32,604.52</i>	
<b>Nueva Vista Language Academy</b>					
27	Nueva Vista Language Academy	3/31/2016	\$248,284.00	\$254,420.00	
<i>Nueva Vista Language Academy Total</i>			<i>\$248,284.00</i>	<i>\$254,420.00</i>	
<b>Oak Run Elementary</b>					
357	Oak Run Elementary	6/30/2019	\$14,296.00	\$14,296.00	
<i>Oak Run Elementary Total</i>			<i>\$14,296.00</i>	<i>\$14,296.00</i>	
<b>Oak View Union Elementary</b>					
794	Oak View Elementary	6/30/2017	\$0.00	\$0.00	
<i>Oak View Union Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Oakley Union Elementary School District</b>					
3	Delta Vista Middle School	12/30/2016	\$0.00	\$0.00	
	District Office	12/31/2015	\$0.00	\$0.00	
	Gehringer Elementary School	12/30/2016	\$0.00	\$0.00	
	Laurel Elementary School	12/30/2016	\$0.00	\$0.00	
	Oakley Elementary School	12/30/2016	\$0.00	\$0.00	
	OHara Park Middle School	12/30/2016	\$0.00	\$0.00	
	Vintage Parkway Elementary Schor	12/30/2016	\$0.00	\$0.00	
<i>Oakley Union Elementary School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Oceanside Unified</b>					
457	Martin Luther King Jr. Middle	2/1/2016	\$104,992.92	\$104,992.92	
<i>Oceanside Unified Total</i>			<i>\$104,992.92</i>	<i>\$104,992.92</i>	
<b>Ontario-Montclair School District</b>					
299	Berlyn Elementary	7/31/2016	\$19,689.84	\$19,689.84	
	Corona Elementary	7/31/2016	\$23,627.81	\$23,627.81	
	Hawthorne Elementary School	1/31/2016	\$4,503.85	\$4,503.85	
	Vernon Middle School	1/31/2016	\$3,947.20	\$3,947.20	
<i>Ontario-Montclair School District Total</i>			<i>\$51,768.70</i>	<i>\$51,768.70</i>	
<b>Orchard View</b>					
287	Orchard View School	12/3/2015	\$28,404.00	\$28,404.00	
<i>Orchard View Total</i>			<i>\$28,404.00</i>	<i>\$28,404.00</i>	
<b>Orinda Union Elementary School District</b>					
267	Del Rey Elementary School	8/31/2016	\$2,580.00	\$2,580.00	
	Glorietta Elementary School	8/31/2016	\$3,000.00	\$3,000.00	
	Orinda Intermediate School	8/31/2016	\$3,660.00	\$3,660.00	
	Sleepy Hollow Elementary School	8/31/2016	\$1,680.00	\$1,680.00	
	Wagner Ranch Elementary School	8/31/2016	\$2,700.00	\$2,700.00	
<i>Orinda Union Elementary School District Total</i>			<i>\$13,620.00</i>	<i>\$13,620.00</i>	
<b>Oroville City Elementary</b>					
442	Wyandotte Avenue Elementary	7/20/2016	\$46,900.00	\$46,900.00	

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<i>Oroville City Elementary Total</i>			<i>\$46,900.00</i>	<i>\$46,900.00</i>
<b>Oroville Union High</b>				
606	District Office	9/30/2015	\$0.00	\$0.00
	Las Plumas High	9/30/2015	\$0.00	\$0.00
	Oroville Adult Education Career an	9/30/2015	\$0.00	\$0.00
	Oroville High	9/1/2017	\$0.00	\$0.00
	Oroville High Community Day	9/30/2015	\$0.00	\$0.00
	Prospect High (Continuation)	9/30/2015	\$0.00	\$0.00
<i>Oroville Union High Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Outside Creek Elementary</b>				
588	Outside Creek Elementary	8/10/2017	\$0.00	\$0.00
<i>Outside Creek Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Pacheco Union Elementary School District</b>				
169	Pacheco Elementary School	6/30/2020	\$31,466.62	\$31,466.62
	Prairie Elementary School	6/30/2020	\$43,050.28	\$43,050.28
<i>Pacheco Union Elementary School District Total</i>			<i>\$74,516.90</i>	<i>\$74,516.90</i>
<b>Pacific Union Elementary</b>				
434	Pacific Union Elementary	8/31/2016	\$0.00	\$0.00
<i>Pacific Union Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Pacifica</b>				
889	Cabrillo Elementary	8/31/2018	\$0.00	\$0.00
	District Office	8/31/2018	\$30,618.29	\$30,618.29
	Ingrid B. Lacy Middle	8/31/2018	\$0.00	\$0.00
	Linda Mar Educational Center	8/31/2018	\$0.00	\$0.00
	Ocean Shore Elementary	8/31/2018	\$0.00	\$0.00
	Ortega Elementary	8/31/2018	\$0.00	\$0.00
	Sunset Ridge Elementary	8/31/2018	\$0.00	\$0.00
	Valleamar Elementary	8/31/2018	\$0.00	\$0.00
<i>Pacifica Total</i>			<i>\$30,618.29</i>	<i>\$30,618.29</i>
<b>Pajaro Valley Unified</b>				
425	Amesti Elementary	3/1/2016	\$0.00	\$0.00
	Ann Soldo Elementary	3/15/2016	\$0.00	\$0.00
	Aptos High	9/2/2016	\$0.00	\$0.00
	Aptos Junior High	9/1/2016	\$0.00	\$0.00
	Bradley Elementary	3/15/2016	\$0.00	\$0.00
	Calabasas Elementary	3/15/2016	\$0.00	\$0.00
	Cesar E. Chavez Middle	9/1/2016	\$0.00	\$0.00
	E. A. Hall Middle	3/15/2016	\$0.00	\$0.00
	Freedom Elementary	3/15/2016	\$0.00	\$0.00
	H. A. Hyde Elementary	3/15/2016	\$0.00	\$0.00
	Hall District Elementary	3/16/2016	\$0.00	\$0.00
	Lakeview Middle	3/15/2016	\$0.00	\$0.00
	Landmark Elementary	3/1/2016	\$0.00	\$0.00
	Mar Vista Elementary	3/15/2016	\$0.00	\$0.00
	Mintie White Elementary	3/15/2016	\$0.00	\$0.00
	New School Community Day	3/16/2016	\$0.00	\$0.00
	Ohlone Elementary	3/15/2016	\$0.00	\$0.00
	Pajaro Middle	3/15/2016	\$0.00	\$0.00
	Pajaro Valley High	3/16/2016	\$0.00	\$0.00
	PVUSD Transportation Bldg	3/18/2016	\$0.00	\$0.00

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<b>Pajaro Valley Unified</b>		425	Radcliff Elementary	3/1/2016	\$0.00	\$0.00
			Renaissance High Continuation	3/1/2016	\$0.00	\$0.00
			Rio del Mar Elementary	3/15/2016	\$0.00	\$0.00
			Rolling Hills Middle	3/15/2016	\$0.00	\$0.00
			Starlight Elementary	3/15/2016	\$0.00	\$0.00
			T. S. MacQuiddy Elementary	3/15/2016	\$0.00	\$0.00
			Valencia Elementary	3/15/2016	\$0.00	\$0.00
			Watsonville High	3/1/2016	\$0.00	\$0.00
<i>Pajaro Valley Unified Total</i>					<i>\$0.00</i>	<i>\$0.00</i>
<b>Palm Springs Unified</b>		416	Desert Hot Springs High	9/2/2016	\$3,587.56	\$3,587.56
			Desert Springs Middle	9/2/2016	\$2,690.67	\$2,690.67
			James Workman Middle	9/2/2016	\$3,587.56	\$3,587.56
			Mt. San Jacinto High	9/2/2016	\$3,587.56	\$3,587.56
			Palm Springs High	9/2/2016	\$3,587.56	\$3,587.56
			Ramon Alternative Center	9/2/2016	\$3,587.56	\$3,587.56
			Rancho Mirage High	9/2/2016	\$1,793.78	\$1,793.78
			Vista del Monte Elementary	9/2/2016	\$3,587.56	\$3,587.56
<i>Palm Springs Unified Total</i>					<i>\$26,009.81</i>	<i>\$26,009.81</i>
<b>Palmdale Elementary School District</b>		59	District Office	4/30/2016	\$589,874.00	\$589,874.00
			Manzanita Elementary	3/31/2016	\$831,505.00	\$831,505.00
			Mesquite Elementary	5/31/2016	\$846,709.00	\$846,709.00
			Oak Tree Community Day	2/29/2016	\$272,359.00	\$272,359.00
			Site 18 (aka Palmdale Elementary)	5/31/2016	\$544,551.00	\$544,551.00
			Tamarisk Elementary	5/31/2016	\$68,346.00	\$68,346.00
			Yellen Learning Center	4/30/2016	\$175,391.00	\$175,391.00
			Yucca Elementary	5/31/2016	\$958,153.00	\$958,153.00
<i>Palmdale Elementary School District Total</i>					<i>\$4,286,888.00</i>	<i>\$4,286,888.00</i>
<b>Palo Verde Union Elementary</b>		363	Palo Verde Union Elementary	8/10/2018	\$0.00	\$0.00
<i>Palo Verde Union Elementary Total</i>					<i>\$0.00</i>	<i>\$0.00</i>
<b>Para Los Ninos Charter</b>		389	Para Los Ninos FLC	12/31/2016	\$0.00	\$0.00
<i>Para Los Ninos Charter Total</i>					<i>\$0.00</i>	<i>\$0.00</i>
<b>Pathways Charter</b>		703	Pathways Charter	12/1/2016	\$29,810.00	\$29,810.00
<i>Pathways Charter Total</i>					<i>\$29,810.00</i>	<i>\$29,810.00</i>
<b>Peabody Charter School</b>		360	Peabody Charter School	3/31/2016	\$0.00	\$0.00
<i>Peabody Charter School Total</i>					<i>\$0.00</i>	<i>\$0.00</i>
<b>Planada Elementary School District</b>		243	Planada Elementary School	12/31/2016	\$0.00	\$0.00
<i>Planada Elementary School District Total</i>					<i>\$0.00</i>	<i>\$0.00</i>
<b>Plaza Elementary School District</b>		387	Plaza Elementary	6/3/2019	\$30,996.79	\$30,996.79
<i>Plaza Elementary School District Total</i>					<i>\$30,996.79</i>	<i>\$30,996.79</i>



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<b>Pleasant Valley Joint Union Elementary</b>					
648	Pleasant Valley Elementary	6/30/2016	\$2,414.49	\$3,134.49	
<i>Pleasant Valley Joint Union Elementary Total</i>			<i>\$2,414.49</i>	<i>\$3,134.49</i>	
<b>Pleasant View Elementary</b>					
86	Pleasant View Elementary	10/21/2015	\$186,444.00	\$312,218.00	
<i>Pleasant View Elementary Total</i>			<i>\$186,444.00</i>	<i>\$312,218.00</i>	
<b>Plumas County Office of Education</b>					
251	Chester Elementary	6/1/2018	\$0.00	\$0.00	
	Chester High	6/1/2018	\$0.00	\$0.00	
<i>Plumas County Office of Education Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Plumas Lake Elementary</b>					
710	Cobblestone Elementary	12/18/2015	\$43,024.00	\$43,024.00	
	District Office	12/31/2015	\$11,197.00	\$11,197.00	
	Rio Del Oro Elementary	12/31/2015	\$43,024.00	\$43,024.00	
	Riverside Meadows Intermediate	12/31/2018	\$43,024.00	\$43,024.00	
<i>Plumas Lake Elementary Total</i>			<i>\$140,269.00</i>	<i>\$140,269.00</i>	
<b>Plumas Unified School District</b>					
252	Greenville High School	6/1/2018	\$0.00	\$0.00	
	Indian Valley Elementary	6/1/2018	\$0.00	\$0.00	
	Quincy Elementary School	6/1/2018	\$0.00	\$0.00	
	Quincy High School	6/1/2018	\$0.00	\$0.00	
<i>Plumas Unified School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Poway Unified School Distric</b>					
278	Del Norte High School	5/31/2016	\$42,031.67	\$42,031.67	
	Painted Rock Elementary School	5/31/2016	\$164,210.04	\$164,210.04	
	Rolling Hills Elementary School	5/31/2016	\$175,112.47	\$175,112.47	
	Westview High School	5/31/2016	\$857,411.62	\$857,411.62	
<i>Poway Unified School Distric Total</i>			<i>\$1,238,765.80</i>	<i>\$1,238,765.80</i>	
<b>Quail Lake Environmental Charter</b>					
328	Quail Lake Environmental Charter	8/11/2017	\$977.15	\$977.15	
<i>Quail Lake Environmental Charter Total</i>			<i>\$977.15</i>	<i>\$977.15</i>	
<b>Red Bluff Union Elementary School District</b>					
201	Bidwell Elementary	6/30/2015	\$28,092.00	\$28,092.00	
	District Office	6/30/2019	\$3,467.50	\$3,467.50	
	Jackson Heights	6/30/2019	\$24,401.00	\$24,401.00	
	Metteer	6/30/2019	\$53,861.00	\$53,861.00	
	Vista Prep	6/30/2019	\$34,468.00	\$34,468.00	
<i>Red Bluff Union Elementary School District Total</i>			<i>\$144,289.50</i>	<i>\$144,289.50</i>	
<b>Redlands Unified School District</b>					
294	Arroyo Verde Elementary	8/10/2015	\$115,871.20	\$115,871.20	
	Bryn Mawr Elementary	8/10/2015	\$87,555.60	\$87,555.60	
	Cope Middle School	8/5/2016	\$0.00	\$0.00	
	Mariposa Elementary	8/5/2016	\$0.00	\$0.00	
	Victoria Elementary	8/12/2015	\$192,197.60	\$192,197.60	
<i>Redlands Unified School District Total</i>			<i>\$395,624.40</i>	<i>\$395,624.40</i>	
<b>Reef Sunset Unified School District</b>					
146	Avenal Elementary School	11/17/2015	\$49,151.00	\$49,151.00	

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

Reef Sunset Unified School District	146	Avenal High School	11/17/2015	\$94,445.00	\$94,445.00
		District Office	11/17/2015	\$22,169.00	\$22,169.00
		Kettleman City Elementary School	11/17/2015	\$52,042.00	\$52,042.00
		Maintenance, Bus Garage	11/17/2015	\$4,498.00	\$4,498.00
		Reef Sunset Middle School	11/17/2015	\$53,005.00	\$53,005.00
		Tamarack Elementary School	11/17/2015	\$48,258.00	\$48,258.00
		Reef Sunset Unified School District Total			\$323,568.00
Rescue Union Elementary					
Rescue Union Elementary	189	Lake Forest Elementary School	11/30/2015	\$141,872.00	\$163,433.00
		Lakeview Elementary School	11/30/2015	\$141,872.00	\$155,542.00
		Marina Village Middle School	11/30/2015	\$141,872.00	\$161,728.00
		Pleasant Grove Middle School	11/30/2015	\$141,872.00	\$160,013.00
		Rescue Elementary School	11/30/2015	\$141,872.00	\$157,911.00
Rescue Union Elementary Total			\$709,360.00	\$798,627.00	
Richfield Elementary School District					
Richfield Elementary School District	85	Richfield Elementary School	6/30/2020	\$50,523.00	\$50,523.00
		Richfield Elementary School District Total			\$50,523.00
Richgrove Elementary					
Richgrove Elementary	154	Richgrove Elementary	5/20/2016	\$0.00	\$0.00
		Richgrove Elementary Total			\$0.00
Ripon Unified School District					
Ripon Unified School District	358	Park View Elementary	5/1/2016	\$0.00	\$0.00
		Ripon High School	5/1/2016	\$0.00	\$0.00
		Ripona Elementary	5/1/2016	\$0.00	\$0.00
		Ripon Unified School District Total			\$0.00
Riverside Unified School District					
Riverside Unified School District	614	Arlington High	12/31/2016	\$0.00	\$0.00
		Central Registration Center	12/31/2016	\$0.00	\$0.00
		Chemawa Middle	12/31/2016	\$0.00	\$0.00
		Fremont Elementary	12/31/2016	\$0.00	\$0.00
		Longfellow Elementary	12/31/2016	\$0.00	\$0.00
		Polytechnic High	12/31/2016	\$0.00	\$0.00
		Ramona High	12/31/2016	\$0.00	\$0.00
		Riverside Unified School District Total			\$0.00
Rocketship Mateo Sheedy Elementary					
Rocketship Mateo Sheedy Elementary	351	Rocketship Mateo Sheedy Element	10/31/2016	\$0.00	\$0.00
		Rocketship Mateo Sheedy Elementary Total			\$0.00
Rocketship Si Se Puede Academy					
Rocketship Si Se Puede Academy	352	Rocketship Si Se Puede Academy	10/31/2016	\$0.00	\$0.00
		Rocketship Si Se Puede Academy Total			\$0.00
Rocklin Academy					
Rocklin Academy	255	Rocklin Academy	8/11/2017	\$0.00	\$0.00
		Rocklin Academy Total			\$0.00
Rocklin Academy at Meyers St					
Rocklin Academy at Meyers St	258	Rocklin Academy at Meyers St	8/5/2016	\$0.00	\$0.00
		Rocklin Academy at Meyers St Total			\$0.00

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Rocklin Unified School District</b>				
304	Antelope Creek Elementary	8/11/2017	\$0.00	\$0.00
	Breen Elementary	6/26/2015	\$6,090.00	\$6,090.00
	District Office	4/14/2017	\$0.00	\$0.00
	Granite Oaks Middle School	8/11/2017	\$0.00	\$0.00
	Parker Whitney Elementary	12/30/2015	\$0.00	\$0.00
	Rock Creek Elementary	8/10/2018	\$0.00	\$0.00
	Rocklin Elementary	7/22/2016	\$7,500.00	\$7,500.00
	Rocklin High School	6/26/2015	\$214,312.29	\$214,312.29
	Spring View Middle School	8/11/2017	\$0.00	\$0.00
	Twin Oaks Elementary	8/11/2017	\$0.00	\$0.00
	Victory High School	6/26/2015	\$3,429.00	\$3,429.00
	Whitney High School	8/11/2017	\$0.00	\$0.00
<i>Rocklin Unified School District Total</i>			<i>\$231,331.29</i>	<i>\$231,331.29</i>
<b>Rolling Hills Middle School</b>				
36	Rolling Hills Middle School	7/31/2017	\$721.58	\$721.58
<i>Rolling Hills Middle School Total</i>			<i>\$721.58</i>	<i>\$721.58</i>
<b>Rosemary Elementary School</b>				
37	Rosemary School	7/31/2017	\$31,081.28	\$31,081.28
<i>Rosemary Elementary School Total</i>			<i>\$31,081.28</i>	<i>\$31,081.28</i>
<b>Rosemead School District</b>				
367	District Office	6/1/2019	\$0.00	\$0.00
	Encinita Elementary School	6/1/2019	\$0.00	\$0.00
	Janson Elementary School	6/1/2019	\$0.00	\$0.00
	Maintenance and Warehouse	6/1/2019	\$0.00	\$0.00
	Muscatel Middle School	6/1/2019	\$0.00	\$0.00
	Savannah Elementary School	6/1/2019	\$0.00	\$0.00
	Shuey Elementary School	6/1/2019	\$0.00	\$0.00
<i>Rosemead School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Roseville City Elementary</b>				
397	Crestmont Elementary	12/30/2015	\$0.00	\$5,929.70
	George Cirby Elementary	12/30/2015	\$0.00	\$5,573.85
<i>Roseville City Elementary Total</i>			<i>\$0.00</i>	<i>\$11,503.55</i>
<b>Roseville Joint Union High</b>				
398	Challenge High	9/1/2015	\$19,350.00	\$27,272.75
	Granite Bay High	9/1/2016	\$0.00	\$0.00
	Oakmont High	9/1/2016	\$111,200.00	\$112,157.63
	Roseville High	10/30/2014	\$51,370.00	\$51,371.21
	Woodcreek High	9/1/2015	\$345,000.00	\$524,093.17
<i>Roseville Joint Union High Total</i>			<i>\$526,920.00</i>	<i>\$714,894.76</i>
<b>Round Valley Joint Elementary</b>				
428	Round Valley Elementary	3/25/2016	\$34,571.00	\$34,571.00
<i>Round Valley Joint Elementary Total</i>			<i>\$34,571.00</i>	<i>\$34,571.00</i>
<b>Round Valley Unified</b>				
348	Round Valley Elementary	10/15/2015	\$0.00	\$0.00
	Round Valley High School	10/15/2015	\$0.00	\$0.00
<i>Round Valley Unified Total</i>			<i>\$0.00</i>	<i>\$0.00</i>
<b>Salida Union School District</b>				

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.

2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Salida Union School D</b>	276	Dena Boer Elementary	6/30/2016	\$2,530.54	\$2,530.54
<i>Salida Union School District Total</i>				<i>\$2,530.54</i>	<i>\$2,530.54</i>
<b>San Diego Unified School District</b>					
	563	ALBA	5/31/2016	\$0.00	\$0.00
		Bethune K-8	6/30/2016	\$0.00	\$0.00
		Doyle Elementary	3/31/2017	\$0.00	\$0.00
		Farb Middle	6/1/2016	\$0.00	\$0.00
		Hoover High	9/30/2016	\$0.00	\$0.00
		Innovation Middle	10/31/2017	\$0.00	\$0.00
		Instructional Media Center	12/1/2016	\$0.00	\$0.00
		La Jolla High	6/30/2016	\$0.00	\$0.00
		Marshall Middle	12/16/2015	\$0.00	\$0.00
		Memorial Scholars & Athletes	9/15/2016	\$0.00	\$0.00
		Nye Elementary	6/30/2016	\$0.00	\$0.00
		Perkins K-8	3/31/2017	\$0.00	\$0.00
		Physical Plant Operations	9/30/2016	\$0.00	\$0.00
		Point Loma High	10/31/2016	\$0.00	\$0.00
		San Diego School of Creative & Per	6/30/2016	\$0.00	\$0.00
		San Diego Senior High	12/31/2015	\$0.00	\$0.00
		Scripps Ranch High	5/28/2016	\$0.00	\$0.00
		Spreckels Elementary	2/28/2017	\$0.00	\$0.00
		Standley Middle	2/29/2016	\$0.00	\$0.00
		Supply Center	12/14/2016	\$0.00	\$0.00
		Transportation	7/31/2016	\$0.00	\$0.00
		University City High	4/30/2017	\$0.00	\$0.00
		Wangenheim Middle	10/6/2016	\$0.00	\$0.00
		Zamorano Elementary	6/30/2016	\$0.00	\$0.00
	649	E.B. Scripps Elementary	10/30/2015	\$0.00	\$0.00
		Education Center	9/1/2015	\$13,866.00	\$21,866.00
		Morse High School	10/30/2015	\$0.00	\$0.00
		Transportation Department	11/15/2015	\$0.00	\$0.00
<i>San Diego Unified School District Total</i>				<i>\$13,866.00</i>	<i>\$21,866.00</i>
<b>San Francisco Unified</b>					
	317	Visitation Valley Middle School	1/16/2017	\$0.00	\$0.00
<i>San Francisco Unified Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>SAN JACINTO UNIFIED SCHOOL DISTRICT</b>					
	261	De Anza Elementary School	6/30/2016	\$9,050.00	\$9,050.00
		Monte Vista Middle School	6/30/2016	\$21,485.14	\$21,485.14
		Park Hill Elementary School	6/30/2016	\$7,150.00	\$7,150.00
		San Jacinto Elementary	6/30/2016	\$23,163.14	\$23,163.14
<i>SAN JACINTO UNIFIED SCHOOL DISTRICT Total</i>				<i>\$60,848.28</i>	<i>\$60,848.28</i>
<b>San Juan Unified School District</b>					
	392	District Office Administration Office	2/29/2016	\$0.00	\$0.00
		District Office Warehouse Wing	3/31/2016	\$0.00	\$0.00
		Rio Americano High	12/31/2016	\$0.00	\$0.00
<i>San Juan Unified School District Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>San Lorenzo Valley Unified School District</b>					
	236	Ludlow Preschool	8/30/2016	\$24,617.00	\$24,617.00
		San Lorenzo Valley High School	8/30/2016	\$36,292.00	\$36,292.00
		San Lorenzo Valley Middle School	8/3/2015	\$10,049.00	\$10,049.00
<i>San Lorenzo Valley Unified School District Total</i>				<i>\$70,958.00</i>	<i>\$70,958.00</i>

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>San Luis Coastal Unified School District</b>				
206	Laguna Middle School	1/13/2016	\$49,500.00	\$49,500.00
	Los Osos Middle School	12/31/2015	\$36,300.00	\$36,300.00
	Morro Bay High School	12/18/2015	\$22,100.00	\$22,100.00
	San Luis Obispo High School	4/30/2016	\$0.00	\$0.00
<i>San Luis Coastal Unified School District Total</i>			<i>\$107,900.00</i>	<i>\$107,900.00</i>
<b>San Marcos USD</b>				
280	Alvin Dunn ES	12/31/2018	\$0.00	\$0.00
	Carillo ES	12/31/2017	\$15,410.00	\$15,410.00
	Discovery ES	12/31/2016	\$18,500.00	\$18,500.00
	District Office	12/31/2018	\$0.00	\$0.00
	Joli Ann ES	12/31/2018	\$0.00	\$0.00
	Knob Hill ES	12/31/2018	\$6,514.00	\$6,514.00
	La Costa Meadows ES	12/31/2018	\$0.00	\$0.00
	Mission Hills HS	12/31/2018	\$87,152.00	\$186,540.00
	Paloma ES	3/31/2015	\$60,900.00	\$60,900.00
	Richland ES	12/31/2018	\$0.00	\$0.00
	San Elijo ES	12/31/2016	\$43,315.00	\$43,315.00
	San Elijo MS	12/31/2017	\$108,557.00	\$108,557.00
	San Marcos ES	5/1/2018	\$0.00	\$0.00
	San Marcos MS	12/31/2018	\$0.00	\$0.00
	Transportation	12/31/2018	\$0.00	\$0.00
	Twin Oaks ES	8/28/2015	\$555,708.00	\$555,708.00
	Twin Oaks HS	12/31/2016	\$0.00	\$0.00
	Woodland Park MS	12/31/2016	\$496,248.00	\$496,248.00
<i>San Marcos USD Total</i>			<i>\$1,392,304.00</i>	<i>\$1,491,692.00</i>
<b>San Mateo-Foster City School District</b>				
220	Abbott Middle School	6/30/2016	\$0.00	\$0.00
	Beresford Elementary School	2/29/2016	\$148.20	\$148.20
	Laurel Elementary School	2/29/2016	\$148.20	\$148.20
	Meadow Heights Elementary	2/29/2016	\$148.19	\$148.19
	Parkside Elementary	2/29/2016	\$148.19	\$148.19
	The Bayside S.T.E.M. Academy	6/30/2016	\$0.00	\$0.00
<i>San Mateo-Foster City School District Total</i>			<i>\$592.78</i>	<i>\$592.78</i>
<b>Sanger Unified School District</b>				
326	Centerville Elementary	6/30/2016	\$47,561.86	\$285,509.86
	Del Rey Elementary	8/11/2017	\$162.86	\$162.86
	District Office	8/19/2016	\$2,517.00	\$2,872.00
	Fairmont Elementary	8/11/2016	\$732.86	\$732.86
	Jackson Elementary	8/11/2016	\$651.43	\$651.43
	Jefferson Elementary	8/11/2016	\$814.29	\$814.29
	John S. Wash Elementary	8/11/2017	\$20,104.00	\$201,039.00
	Lincoln Elementary	8/11/2017	\$23,477.72	\$226,715.72
	Lone Star Elementary	8/11/2017	\$488.57	\$488.57
	Madison Elementary	6/30/2016	\$37,182.00	\$280,458.00
	Ronald W. Reagan	8/11/2017	\$0.00	\$0.00
	Sanger High School	6/30/2016	\$1,384.29	\$1,384.29
	Sequoia Elementary	8/11/2017	\$6,879.00	\$8,201.00
	Taft High	8/1/2016	\$407.15	\$407.15
	Washington Academic M.S.	8/11/2017	\$124,615.60	\$707,110.60
	Wilson Elementary	8/11/2016	\$977.15	\$977.15
<i>Sanger Unified School District Total</i>			<i>\$267,955.78</i>	<i>\$1,717,524.78</i>

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Santa Ana Unified School District</b>					
613	Franklin Elementary	7/31/2015	\$234,787.58	\$234,787.58	
	Jose Sepulveda Elementary	12/31/2015	\$399,715.06	\$399,715.06	
	Julia C. Lathrop Intermediate	11/30/2015	\$47,416.32	\$47,416.32	
	Madison Elementary	12/31/2015	\$256,629.54	\$256,629.54	
	Saddleback High	9/30/2015	\$12,631.42	\$18,290.32	
	Santa Ana High	9/30/2015	\$14,357.14	\$15,880.32	
	Segerstrom High	9/30/2015	\$10,266.50	\$16,868.34	
	Valley High	9/30/2015	\$9,921.46	\$16,868.32	
	Walker Elementary	1/29/2016	\$611,631.12	\$611,631.12	
	Wilson Elementary	12/31/2015	\$218,452.99	\$218,452.99	
<i>Santa Ana Unified School District Total</i>			<i>\$1,815,809.13</i>	<i>\$1,836,539.91</i>	
<b>Santa Barbara Charter</b>					
379	Santa Barbara Charter School	3/31/2017	\$0.00	\$0.00	
<i>Santa Barbara Charter Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Santa Barbara Unified</b>					
359	Adams Elementary School	3/31/2017	\$0.00	\$0.00	
	Cleveland Elementary School	3/31/2017	\$0.00	\$0.00	
	Dos Pueblos Sr High School	2/29/2016	\$0.00	\$0.00	
	Franklin Elementary School	3/31/2017	\$0.00	\$0.00	
	Goleta Valley Jr High School	3/31/2018	\$0.00	\$0.00	
	Harding University PS	3/31/2016	\$0.00	\$0.00	
	La Colina Junior High School	3/31/2017	\$0.00	\$0.00	
	La Cumbre Junior High School	3/31/2016	\$0.00	\$0.00	
	Roosevelt Elementary School	3/31/2016	\$0.00	\$0.00	
	San Marcos High School	2/29/2016	\$0.00	\$0.00	
	Santa Barbara High School	3/31/2016	\$0.00	\$0.00	
	Santa Barbara Jr High School	3/31/2016	\$0.00	\$0.00	
	Washington Elementary School	3/31/2016	\$0.00	\$0.00	
<i>Santa Barbara Unified Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Santa Cruz County Office of Education</b>					
230	Chrysalis Center	3/23/2016	\$0.00	\$0.00	
	Highlands Park (San Lorenzo Valley	8/3/2015	\$9,227.82	\$8,065.00	
	Soquel High School	6/10/2015	\$7,460.00	\$7,460.00	
<i>Santa Cruz County Office of Education Total</i>			<i>\$16,687.82</i>	<i>\$15,525.00</i>	
<b>Santa Rita Union Elementary</b>					
12	La Joya Elementary School	7/11/2016	\$80,125.00	\$80,125.00	
<i>Santa Rita Union Elementary Total</i>			<i>\$80,125.00</i>	<i>\$80,125.00</i>	
<b>Santee School District</b>					
259	Cajon Park Elementary School	6/30/2020	\$15,103.98	\$15,103.98	
	Carlton Hills Elementary School	6/30/2019	\$2,127.43	\$2,127.43	
	Carlton Oaks Elementary School	6/30/2019	\$0.00	\$0.00	
	Chet F. Harritt Elementary School	12/30/2019	\$5,957.85	\$5,957.85	
	District Office	6/30/2020	\$152.60	\$152.60	
	Hill Creek Elementary School	6/30/2019	\$2,735.81	\$2,735.81	
	Pepper Drive Elementary School	9/14/2015	\$25,906.21	\$25,906.21	
	PRIDE Academy at Prospect School	12/30/2019	\$4,964.01	\$4,964.01	
	Rio Seco Elementary School	12/30/2019	\$0.00	\$0.00	
	Sycamore Canyon Elementary Schc	6/30/2020	\$1,421.15	\$1,421.15	
<i>Santee School District Total</i>			<i>\$58,369.04</i>	<i>\$58,369.04</i>	

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Saucelito Elementary</b>					
594	Saucelito Elementary	8/31/2018	\$29,764.46	\$29,764.46	
<i>Saucelito Elementary Total</i>			<i>\$29,764.46</i>	<i>\$29,764.46</i>	
<b>Sausalito Marin City School District</b>					
161	Bayside Martin Luther King Jr. Acad	3/31/2016	\$0.00	\$0.00	
	District Office	3/31/2016	\$0.00	\$0.00	
<i>Sausalito Marin City School District Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>School of Unlimited Learning</b>					
474	School of Unlimited Learning	8/12/2016	\$0.00	\$0.00	
<i>School of Unlimited Learning Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Sequoia Union High School District</b>					
305	Carlmont High School	12/31/2019	\$25,086.33	\$25,086.33	
	Menlo Atherton High School	12/31/2019	\$27,463.09	\$27,463.09	
	Sequoia High School	12/31/2019	\$25,086.34	\$25,086.34	
	Woodside High School	12/31/2015	\$49,021.27	\$49,021.27	
<i>Sequoia Union High School District Total</i>			<i>\$126,657.03</i>	<i>\$126,657.03</i>	
<b>Shandon Joint Unified</b>					
632	Shandon Elementary	5/31/2016	\$31,667.37	\$32,381.08	
	Shandon High	5/31/2016	\$3,249.00	\$4,259.00	
<i>Shandon Joint Unified Total</i>			<i>\$34,916.37</i>	<i>\$36,640.08</i>	
<b>Sherman Oaks Elementary School</b>					
41	Sherman Oaks School	7/31/2017	\$1,818.12	\$1,818.12	
<i>Sherman Oaks Elementary School Total</i>			<i>\$1,818.12</i>	<i>\$1,818.12</i>	
<b>Sherman Thomas Charter School</b>					
116	Sherman Thomas Charter School	1/10/2016	\$93,056.25	\$93,056.25	
<i>Sherman Thomas Charter School Total</i>			<i>\$93,056.25</i>	<i>\$93,056.25</i>	
<b>SIATech</b>					
83	SIAtch	6/30/2020	\$172,767.00	\$173,474.50	
<i>SIATech Total</i>			<i>\$172,767.00</i>	<i>\$173,474.50</i>	
<b>Simi Valley Unified</b>					
577	Royal High	6/20/2016	\$520,000.00	\$520,000.00	
<i>Simi Valley Unified Total</i>			<i>\$520,000.00</i>	<i>\$520,000.00</i>	
<b>Snowline Joint Unified School District</b>					
32	Pinon Mesa Middle School	4/30/2016	\$77,932.75	\$150,424.65	
	Serrano High School	4/30/2016	\$128,895.35	\$128,895.35	
<i>Snowline Joint Unified School District Total</i>			<i>\$206,828.10</i>	<i>\$279,320.00</i>	
<b>SOAR Charter Academy</b>					
444	SOAR Charter Academy	7/9/2018	\$0.00	\$0.00	
<i>SOAR Charter Academy Total</i>			<i>\$0.00</i>	<i>\$0.00</i>	
<b>Southern Trinity Joint Unified School District</b>					
52	Hoaglin-Zenia Elementary	3/31/2016	\$1,053.00	\$1,053.00	
	Van Duzen Elementary	6/30/2016	\$0.00	\$0.00	
<i>Southern Trinity Joint Unified School District Total</i>			<i>\$1,053.00</i>	<i>\$1,053.00</i>	

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.

2.The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

### Stanislaus Union Elementary

661	Agnes M. Baptist Elementary	12/9/2015	\$0.00	\$0.00
	District Office (Muncy Elementary)	3/8/2018	\$0.00	\$0.00
	George Eisenhut Elementary	1/27/2016	\$75,642.00	\$75,642.00
	Josephine Chrysler Elementary	12/31/2015	\$94,759.00	\$94,759.00
	Prescott Junior High	9/30/2016	\$0.00	\$0.00
	Stanislaus Elementary	1/1/2018	\$77,148.00	\$77,184.00
<i>Stanislaus Union Elementary Total</i>			<i>\$247,549.00</i>	<i>\$247,585.00</i>

### Stockton Unified School District

266	Adams Elementary School	3/31/2016	\$357,436.21	\$357,436.21
	Alexandar Hamilton Elementary Sc	3/31/2016	\$15,260.70	\$15,260.70
	August Elementary School	3/31/2016	\$240,330.36	\$240,330.36
	Cesar Chavez High	3/31/2016	\$85,062.98	\$85,062.98
	Commodore Stockton Skills	3/31/2016	\$78,993.43	\$78,993.43
	El Dorado Elementary School	3/31/2016	\$73,324.08	\$73,324.08
	Franklin High School	3/31/2016	\$47,279.79	\$47,279.79
	Hazelton Elementary School	3/31/2016	\$155,679.89	\$155,679.89
	Hoover Elementary School	3/31/2016	\$259,331.55	\$259,331.55
	Kennedy Elementary School	3/31/2016	\$0.00	\$0.00
	Kohl Open Elementary School	3/31/2016	\$9,782.50	\$9,782.50
	Madison Elementary School	3/31/2016	\$159,165.14	\$159,165.14
	Monroe Elementary School	3/31/2016	\$11,739.00	\$11,739.00
	Rio Calveras Elementary School	3/31/2016	\$267,033.46	\$267,033.46
	Roosevelt Elementary School	3/31/2016	\$42,761.05	\$42,761.05
	Stagg Senior High	12/4/2015	\$72,176.68	\$72,176.68
	Wilhelmina Henry Elementary	3/31/2016	\$84,556.73	\$84,556.73
<i>Stockton Unified School District Total</i>			<i>\$1,959,913.55</i>	<i>\$1,959,913.55</i>

### Stony Creek Joint Unified School District

211	Elk Creek Elementary	6/1/2018	\$5,371.00	\$5,371.00
	Elk Creek High School	6/1/2018	\$14,865.00	\$14,865.00
	Indian Valley ES	6/1/2018	\$3,296.00	\$3,296.00
<i>Stony Creek Joint Unified School District Total</i>			<i>\$23,532.00</i>	<i>\$23,532.00</i>

### Sunnyside Union Elementary

58	Sunnyside Elementaary	8/1/2016	\$0.00	\$0.00
<i>Sunnyside Union Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>

### Sunridge Charter School

334	Sunridge Charter School	9/16/2016	\$63,946.00	\$63,946.00
<i>Sunridge Charter School Total</i>			<i>\$63,946.00</i>	<i>\$63,946.00</i>

### Susanville Elementary

682	District Office	12/1/2018	\$0.00	\$0.00
	McKinley Elementary	1/2/2018	\$0.00	\$0.00
	Meadow View	1/1/2018	\$0.00	\$0.00
<i>Susanville Elementary Total</i>			<i>\$0.00</i>	<i>\$0.00</i>

### Sycamore Valley Academy

314	Sycamore Valley Academy	6/17/2016	\$123,515.43	\$123,515.43
<i>Sycamore Valley Academy Total</i>			<i>\$123,515.43</i>	<i>\$123,515.43</i>

### Torrance Unified School District

195	Torrance High School	4/6/2017	\$156,783.10	\$156,783.10
<i>Torrance Unified School District Total</i>			<i>\$156,783.10</i>	<i>\$156,783.10</i>



## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
- 2.The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Traver Joint Elementary</b>					
	104	Traver Elementary School	5/12/2015	\$198,931.00	\$198,931.00
<i>Traver Joint Elementary Total</i>				<i>\$198,931.00</i>	<i>\$198,931.00</i>
<b>Tres Pinos Union Elementary</b>					
	303	Tres Pinos Elementary	8/15/2016	\$43,041.00	\$43,041.00
<i>Tres Pinos Union Elementary Total</i>				<i>\$43,041.00</i>	<i>\$43,041.00</i>
<b>Trinity Center Elementary</b>					
	543	Trinity Center Elementary	6/30/2020	\$20,183.00	\$20,183.00
<i>Trinity Center Elementary Total</i>				<i>\$20,183.00</i>	<i>\$20,183.00</i>
<b>Trinity County Office of Education</b>					
	437	Trinity County Office of Education	6/30/2020	\$34,272.00	\$34,271.92
<i>Trinity County Office of Education Total</i>				<i>\$34,272.00</i>	<i>\$34,271.92</i>
<b>Twin Hills Charter Middle School</b>					
	217	Twin Hills Charter Middle School	9/16/2016	\$85,836.00	\$85,836.00
<i>Twin Hills Charter Middle School Total</i>				<i>\$85,836.00</i>	<i>\$85,836.00</i>
<b>Twin Hills Union Elementary</b>					
	290	Apple Blossom	9/16/2016	\$61,924.00	\$61,924.00
<i>Twin Hills Union Elementary Total</i>				<i>\$61,924.00</i>	<i>\$61,924.00</i>
<b>Twin Rivers Unified</b>					
	82	Harmon Johnson Elementary	1/30/2016	\$1,035,491.00	\$2,227,500.00
	413	Grant Union High	1/30/2016	\$1,061,091.00	\$3,215,000.00
<i>Twin Rivers Unified Total</i>				<i>\$2,096,582.00</i>	<i>\$5,442,500.00</i>
<b>Ukiah Unified School District</b>					
	283	Calpella Elementary School	6/30/2016	\$0.00	\$0.00
		Ukiah High School	10/8/2015	\$83,500.00	\$106,778.95
<i>Ukiah Unified School District Total</i>				<i>\$83,500.00</i>	<i>\$106,778.95</i>
<b>Upper Lake Union High</b>					
	423	Upper Lake High	3/1/2016	\$0.00	\$0.00
<i>Upper Lake Union High Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Victor Elementary</b>					
	482	Brentwood Elementary	12/31/2018	\$0.00	\$0.00
		Challenger School of Sports and Fit	12/31/2018	\$0.00	\$0.00
		Del Rey Elementary	12/31/2018	\$0.00	\$0.00
		Discovery School of the Arts	12/31/2018	\$0.00	\$0.00
		District Office	12/31/2016	\$0.00	\$0.00
		Endeavour School of Exploration	12/31/2017	\$0.00	\$0.00
		Galileo Academy 101	12/31/2018	\$0.00	\$0.00
		Green Tree East Elementary	12/31/2017	\$0.00	\$0.00
		Irwin Academy of Performing Arts	12/31/2018	\$0.00	\$0.00
		Liberty Elementary	12/31/2017	\$1,236,306.00	\$1,236,306.00
		Lomitas Elementary	12/31/2016	\$0.00	\$0.00
		Maintenance & Operations	12/31/2016	\$0.00	\$0.00
		Mojave Vista Elementary	12/31/2016	\$0.00	\$0.00
		Park View Elementary	12/31/2016	\$0.00	\$0.00
		Puesta del Sol Elementary	12/31/2016	\$0.00	\$0.00
		Transportation	12/31/2016	\$0.00	\$0.00

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.

2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

Victor Elementary	482	Village Elementary	12/31/2016	\$0.00	\$0.00
		West Palms Conservatory	12/31/2016	\$0.00	\$0.00
Victor Elementary Total				\$1,236,306.00	\$1,236,306.00
Village School	159	Village School	7/31/2017	\$0.00	\$0.00
Village School Total				\$0.00	\$0.00
Vista del Mar Union	477	Vista de Las Cruces	8/31/2016	\$0.00	\$7,081.00
Vista del Mar Union Total				\$0.00	\$7,081.00
Vista Unified School District	658	Adult Education Literacy Center	3/18/2015	\$3,314.60	\$3,314.60
		Alamosa Elementary School	12/31/2018	\$0.00	\$0.00
		Alta Vista High School	12/31/2017	\$0.00	\$0.00
		ASC/District Office	12/31/2018	\$0.00	\$0.00
		Breeze Hill Elementary School	12/31/2018	\$0.00	\$0.00
		Casita Elementary School	12/31/2018	\$0.00	\$0.00
		Crestview Adult Education	12/31/2018	\$0.00	\$0.00
		Empresa Elementary School	12/31/2018	\$0.00	\$0.00
		Grapevine Elementary School	12/31/2018	\$0.00	\$0.00
		Hannalei Elementary	12/31/2016	\$0.00	\$0.00
		Lake Elementary School	12/31/2018	\$0.00	\$0.00
		Madison Middle	12/31/2016	\$17,235.90	\$17,235.90
		Monte Vista Elementary School	12/31/2018	\$0.00	\$0.00
		North Avenue Warehouse	12/31/2016	\$0.00	\$0.00
		Rancho Buena Vista High School	12/31/2018	\$591,267.88	\$591,267.88
		Rancho Minerva Middle School	12/31/2018	\$56,280.26	\$56,280.26
		Roosevelt Middle School	12/31/2018	\$39,775.16	\$39,775.16
		Sierra Vista High School	3/18/2015	\$6,629.19	\$6,629.19
		Temple Heights Elementary	12/31/2016	\$0.00	\$0.00
		Vista Academy of Visual and Perfor	12/31/2018	\$0.00	\$0.00
		Vista Adult School Learning Acader	12/31/2018	\$0.00	\$0.00
		Vista High	12/31/2018	\$920,848.00	\$920,848.00
		Vista Magnet Middle School	12/31/2018	\$0.00	\$0.00
		Vista Visions Academy	12/31/2016	\$0.00	\$0.00
		Washington Middle School	12/31/2018	\$0.00	\$0.00
Vista Unified School District Total				\$1,635,350.99	\$1,635,350.99
W.E.B Dubois Public Charter	386	W.E.B. DuBois Public Charter - MLk	3/30/2018	\$0.00	\$0.00
		W.E.B. DuBois Public Charter - P St	3/30/2018	\$0.00	\$0.00
W.E.B Dubois Public Charter Total				\$0.00	\$0.00
Walnut Creek USD	846	Buena Vista Elementary	6/30/2016	\$57,078.77	\$57,078.77
		Murwood Elementary	6/30/2016	\$28,283.25	\$28,283.25
		Parkmead Elementary	12/31/2016	\$0.00	\$0.00
		Walnut Creek Intermediate	6/30/2016	\$55,522.43	\$55,522.43
		Walnut Heights	6/30/2016	\$21,987.79	\$21,987.79
		WC District Office & Maintenance	8/31/2015	\$6,776.13	\$6,776.13
Walnut Creek USD Total				\$169,648.37	\$169,648.37
Washington Unified	281	Elkhorn Village Elementary	9/1/2017	\$0.00	\$0.00

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
2. The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Washington Unified</b>	281	Riverbank Elementary	9/1/2017	\$0.00	\$0.00
		West Sacramento School for Indep	9/1/2017	\$0.00	\$0.00
		Westfield Village Elementary	9/1/2017	\$0.00	\$0.00
		Westmore Oaks Elementary	9/1/2017	\$0.00	\$0.00
		Yolo High	9/1/2017	\$0.00	\$0.00
<i>Washington Unified Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<hr/>					
<b>Weed Union Elementary School District</b>	93	Weed Elementary School	9/30/2015	\$0.00	\$0.00
<i>Weed Union Elementary School District Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<hr/>					
<b>West Covina Unified School District</b>	311	California Elementary	2/1/2016	\$0.00	\$0.00
		Cameron Elementary	2/1/2016	\$0.00	\$0.00
		Coronado Alternate	2/1/2016	\$0.00	\$0.00
		District Office	2/1/2016	\$0.00	\$0.00
		Edgewoor Middle School	2/1/2016	\$0.00	\$0.00
		Hollencrest Middle School	2/1/2016	\$0.00	\$0.00
		Merced Elementary	2/1/2016	\$0.00	\$0.00
		Merlinda Elementary	2/1/2016	\$0.00	\$0.00
		Monte Vista Elementary	2/1/2016	\$0.00	\$0.00
		Orangewood Elementary	2/1/2016	\$0.00	\$0.00
		Vine Elementary	2/1/2016	\$0.00	\$0.00
		Walnut Grove Intermediate	2/1/2016	\$0.00	\$0.00
		Wescove Elementary	2/1/2016	\$0.00	\$0.00
		West Covina High School	2/1/2016	\$0.00	\$0.00
<i>West Covina Unified School District Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<hr/>					
<b>West Park Charter Academy</b>	467	West Park Charter Academy	9/1/2016	\$0.00	\$0.00
<i>West Park Charter Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<hr/>					
<b>West Park Elementary</b>	468	West Park Elementary	9/1/2016	\$0.00	\$0.00
<i>West Park Elementary Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<hr/>					
<b>West Sacramento Early College Prep Charter</b>	286	West Sacramento Early College Pre	9/1/2017	\$0.00	\$0.00
<i>West Sacramento Early College Prep Charter Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<hr/>					
<b>Willow Creek Academy</b>	162	Willow Creek Academy School	3/31/2016	\$0.00	\$0.00
<i>Willow Creek Academy Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<hr/>					
<b>Wilsona</b>	224	Challenger Middle School	12/31/2016	\$155,809.00	\$128,544.96
		Vista San Gabriel Elementary Schoi	12/31/2016	\$204,859.00	\$197,751.48
<i>Wilsona Total</i>				<i>\$360,668.00</i>	<i>\$326,296.44</i>
<hr/>					
<b>Woodville Union Elementary</b>	472	Woodville Elementary	2/1/2016	\$0.00	\$0.00
<i>Woodville Union Elementary Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<hr/>					
<b>Big Springs Union Elementary</b>	114	Big Springs Union Elementary	9/1/2015	\$75,434.07	\$68,134.07
<i>Big Springs Union Elementary Total</i>				<i>\$75,434.07</i>	<i>\$68,134.07</i>

## Appendix C: 2014/2015 Annual Progress Report Data

Notes:

1. Reporting on 296 total Energy Expenditure Plans.
- 2.The 2014/2015 Annual Progress Report covers activities performed up to June 30, 2015.

<b>Lamont Elementary</b>					
	388	Alicante Avenue Elementary	6/28/2016	\$0.00	\$0.00
		Lamont Elementary	6/28/2016	\$0.00	\$0.00
		Mountain View Middle	6/28/2016	\$0.00	\$0.00
		Myrtle Avenue Elementary	6/28/2016	\$0.00	\$0.00
<i>Lamont Elementary Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Conejo Valley Unified</b>					
	664	Aspen Elementary	10/31/2016	\$0.00	\$0.00
		Newbury Park High	10/31/2016	\$0.00	\$0.00
		Sequoia Middle	10/31/2016	\$0.00	\$0.00
		Westlake High	10/31/2016	\$0.00	\$0.00
		Wildwood Elementary	10/31/2016	\$0.00	\$0.00
<i>Conejo Valley Unified Total</i>				<i>\$0.00</i>	<i>\$0.00</i>
<b>Grand Total</b>				<b>\$46,986,667.26</b>	<b>\$69,628,198.71</b>

**Appendix D**  
**Energy Conservation Assistance Act - Education Subaccount (ECAA-Ed)**  
**Approved Zero Interest Energy Loans**

Loan Number	Loan Applicant Name	Approval Date	Loan Amount	Project Summary	Status
001-13-ECG	Sanger Unified School District	5/14/2014	\$1,242,492	Install energy efficiency measures at three of the school district's facilities.	Implementation
001-14-ECG	Pittsburg Unified School District	7/22/2014	\$1,766,665	Install a 150 kW PV system, lighting retrofits for 9 schools and occupancy controls for HVAC systems at 3 schools.	Implementation
003-14-ECG	Hartnell Community College District	8/27/2014	\$3,000,000	Install solar PV.	Implementation
002-14-ECG	Tulare City School District	10/7/2014	\$3,000,000	Install a solar PV at 8 schools.	Implementation
004-14-ECG	Kern Community College District	10/7/2014	\$3,000,000	Install a solar PV at Porterville College.	Implementation
005-14-ECG	Yuba Community College District	10/7/2014	\$710,000	Install a new EMS system and VFD control for a well pump.	Project completed as of December 15, 2014. Final report in progress.
006-14-ECG	Campbell Unified School District - Rosemary Elementary	11/17/2014	\$794,812	Install energy efficiency measures and a PV system.	Implementation
007-14-ECG	Campbell Unified School District - Rolling Hills Middle School	11/17/2014	\$692,584	Install energy efficiency measures and a PV system.	Implementation
008-14-ECG	Campbell Unified School District - Marshall Lane Elementary	11/17/2014	\$478,754	Install energy efficiency measures and a PV system.	Implementation
009-14-ECG	Campbell Unified School District - Lynhaven Elementary	11/17/2014	\$65,887	Install energy efficiency measures.	Implementation
010-14-ECG	Campbell Unified School District - Forest Hill Elementary	11/17/2014	\$534,346	Install energy efficiency measures and a PV system.	Implementation
013-14-ECG	Campbell Unified School District - Castlemont Elementary	11/17/2014	\$81,218	Install energy efficiency measures.	Implementation
014-14-ECG	Campbell Unified School District - Blackford Elementary	11/17/2014	\$513,000	Install a PV system.	Implementation

**Appendix D**  
**Energy Conservation Assistance Act - Education Subaccount (ECAA-Ed)**  
**Approved Zero Interest Energy Loans**

015-14-ECG	Campbell Unified School District - Sherman Oaks Elementary	11/17/2014	\$1,084,933	Install energy efficiency measures and a PV system.	Implementation
016-14-ECG	Campbell Unified School District - Monroe Middle School	11/17/2014	\$1,078,750	Install energy efficiency measures and a PV system.	Implementation
017-14-ECG	Campbell Unified School District - Capri Elementary and Village School	11/17/2014	\$796,007	Install energy efficiency measures and a PV system.	Implementation
018-14-ECG	Campbell Unified School District - Campbell Middle School and Corporate Yard	11/17/2014	\$1,378,638	Install energy efficiency measures and a PV system.	Implementation
011-14-ECG	Newport Mesa Unified School District	11/17/2014	\$3,000,000	Install renewable energy measures.	Implementation
019-14-ECG	Monterey Peninsula Unified School District	12/10/2014	\$3,000,000	Install 820.6 kW PV system.	Implementation
021-14-ECG	Sequoias Community College School District	2/25/2015	\$3,000,000	Install a 0.798 MW PV system.	Implementation
020-14-ECG	Chico Unified School District	4/8/2015	\$3,000,000	Install PV systems at 5 schools.	Implementation
023-14-ECG	Sylvan Union School District	4/8/2015	\$1,799,839	Install energy efficiency measures at 8 schools, District Office, Central Kitchen, and Maintenance	Implementation
001-15-ECG	Salida Union School District	7/8/2015	\$2,054,469	Install energy efficiency measures and photovoltaic intallations at multiple District	Implementation
002-15-ECG	Montague Elementary School Distrcit	8/12/2015	\$419,520	Install energy efficiency measures and renewal energy measures at District facilities.	Implementation
003-15-ECG	Durham Unified School District	9/9/2015	\$2,000,000	Install a total of 575.1 kW PV.	Implementation
004-15-ECG	Vista del Mar Union School District	10/14/2015	\$146,240	Install a 55 kWac PV.	Implementation
005-15-ECG	Oroville Union High School District	12/9/2015	\$2,800,000	Install 839 kW roof and parking structure mounted PV system.	Implementation

# Appendix E

## Bright School Program Summary

(as of December 31, 2015)

	Program Participant	ECAA-Ed Expenditure	Final Report Date	No. of Sites	Est. Annual Electric Savings (kWh)	Est. Annual Natural Gas Savings (therms)	Est. Annual Energy Cost Savings	Est. Project Cost	Potential Utility Incentive
1	Chino USD	\$19,980	4/24/2014	8	769,000	480	\$161,200	\$4,127,000	\$15,400
2	San Diego USD	\$15,157	7/8/2014	2	547,196	0	\$72,868	\$827,763	\$70,613
3	Modoc JUSD	\$19,802	9/5/2014	3	292,000	0	\$54,473	\$345,000	\$68,844
4	Forest Ranch School	\$7,219	7/17/2014	1	29,124	0	\$5,437	\$44,230	\$7,330
5	Oroville UHSD	\$16,453	11/13/2014	3	30,600	40	\$5,600	\$68,000	\$1,300
6	Roseville JUHSD	\$19,938	11/14/2014	2	304,080	4,732	\$43,973	\$261,800	\$12,460
7	Capay JUSD	\$12,650	10/2/2014	1	116,874	-508	\$24,899	\$405,439	\$500
8	Modoc COE	\$9,632	10/9/2014	4	13,999	0	\$3,630	\$43,500	\$2,662
9	Oroville City ESD	\$13,721	9/18/2014	2	183,382	841	\$37,052	\$639,811	\$2,709
10	Rialto USD	\$19,987	11/10/2014	4	96,743	-278	\$13,077	\$118,382	\$25,622
11	Vallecitos SD	\$13,312	12/22/2014	1	16,933	0	\$6,943	\$84,975	\$0
12	Natomas Charter School	\$9,284	12/19/2014	1	116,255	141	\$16,326	\$287,000	\$18,730
13	Tahoe Truckee USD	\$19,545	11/13/2014	2	87,600	0	\$11,600	\$78,500	\$17,500
14	Marysville JUSD	\$19,795	1/22/2015	3	484,923	1,635	\$92,801	\$647,200	\$10,457
15	Gerber UESD	\$10,322	12/12/2014	1	323,626	21	\$61,276	\$923,223	\$7,198
16	Flourney UESD	\$9,023	12/15/2014	1	55,440	48	\$10,035	\$188,059	\$645
17	Tule Lake Basin JUSD	\$17,269	12/31/2014	2	71,700	3,100	\$19,300	\$93,400	\$12,800
18	Scotia USD	\$18,343	2/27/2015	2	173,389	7,867	\$39,916	\$411,693	\$22,465
19	Glendale USD	\$19,785	11/12/2014	1	286,819	-897	\$48,196	\$129,367	\$23,761
20	Leggett Valley USD	\$17,416	2/12/2015	2	74,658	0	\$14,057	\$205,375	\$2,836
21	Eureka City Schools	\$15,382	1/30/2014	1	131,753	7,794	\$27,025	\$291,100	\$13,128
22	Laytonville USD	\$16,313	2/16/2015	2	379,744	0	\$77,029	\$1,033,500	\$7,260
23	Acton Agua Dulce USD	\$18,144	1/29/2015	2	91,281	0	\$15,483	\$402,663	\$88,902
24	San Pasqual USD	\$15,980	1/12/2015	1	69,737	0	\$20,492	\$169,097	\$0
25	Bass Lake JUESD	\$15,856	2/4/2014	3	79,157	0	\$17,649	\$234,810	\$6,365
26	Oak Park USD	\$18,463	11/10/2014	6	518,441	0	\$104,546	\$2,478,100	\$124,826
27	Sweetwater UHSD	\$19,986	12/17/2014	2	310,755	0	\$67,684	\$756,640	\$12,822
28	Bayshore ESD	\$14,266	3/10/2015	2	0	2,683	\$2,825	\$56,000	\$3,250
29	Monrovia USD	\$19,928	1/6/2015	3	333,436	-340	\$38,715	\$751,679	\$74,344
30	Latrobe SD	\$12,829	11/13/2014	2	55,037	0	\$10,930	\$194,570	\$240
31	Placerville USD	\$17,523	1/26/2015	5	434,839	4,662	\$90,892	\$1,455,192	\$10,881
32	Nord Country School	\$8,631	1/15/2015	1	47,381	0	\$8,523	\$128,932	\$870
33	San Carlos SD	\$18,118	12/10/2014	2	296,237	21	\$60,127	\$779,072	\$1,020

# Appendix F

## Bright School Program Summary

(as of December 31, 2015)

	Program Participant	ECAA-Ed Expenditure	Final Report Date	No. of Sites	Est. Annual Electric Savings (kWh)	Est. Annual Natural Gas Savings (therms)	Est. Annual Energy Cost Savings	Est. Project Cost	Potential Utility Incentive
34	Las Virgenes USD	\$19,958	1/6/2015	2	471,942	-143	\$61,019	\$981,702	\$50,136
35	The Pruess School UCSD	\$13,225	1/12/2015	1	254,337	285	\$30,771	\$740,879	\$1,760
36	Pasadena USD	\$19,965	12/17/2014	1	65,957	-147	\$12,399	\$97,778	\$4,185
37	Chicago Park ESD	\$8,710	12/17/2014	2	75,052	0	\$14,438	\$165,192	\$930
38	Grass Valley ESD	\$17,650	1/27/2015	3	81,900	0	\$17,500	\$243,100	\$16,100
39	San Mateo-Foster City SD	\$19,823	1/27/2015	4	310,288	482	\$62,418	\$797,044	\$12,050
40	Para Los Ninos	\$14,701	12/12/2014	1	10,143	0	\$11,358	\$186,774	\$16,260
41	Camino USD	\$14,053	1/7/2015	1	152,905	1,616	\$33,531	\$524,880	\$900
42	Nevada City ESD	\$17,224	12/31/2014	3	36,600	0	\$6,760	\$95,800	\$3,700
43	Point Arena SD	\$25,150	2/27/2015	3	98,646	0	\$25,510	\$297,150	\$8,250
44	Ukiah USD	\$19,128	4/15/2015	2	164,740	19,963	\$35,412	\$495,772	\$41,906
45	Potter Valley Community USD	\$17,346	4/15/2015	4	40,463	0	\$7,619	\$60,604	\$4,356
46	Trinity Alps USD	\$15,136	4/28/2015	1	172,373	0	\$21,570	\$459,954	\$4,200
47	Tahoe Truckee USD	\$20,214	6/26/2015	3	60,206	812	\$8,258	\$90,392	\$16,735
48	Colusa USD	\$19,943	5/13/2015	3	250,617	2,229	\$47,447	\$473,016	\$18,720
49	Pierce Joint USD	\$19,957	5/5/2015	4	102,792	0	\$19,207	\$143,367	\$9,579
50	Placentia-Yorba Linda USD	\$19,662	6/12/2015	3	656,431	4,562	\$144,992	\$2,546,176	\$25,930
51	Sacramento COE	\$20,836	7/31/2015	6	119,721	215	\$13,462	\$131,871	\$26,809
52	Princeton Joint USD	\$19,525	9/25/2015	2	61,490	1,759	\$12,076	\$162,338	\$7,165
53	Oxnard Union HSD	\$20,645	7/13/2015	2	410,629	21,923	\$38,578	\$2,918,676	\$7,935
54	LaHonda-Pescadero USD	\$20,073	8/6/2015	3	48,494	0	\$8,440	\$105,514	\$5,445
55	Fullerton Joint Union HSD	\$16,583	6/17/2015	1	456,976	14,651	\$79,279	\$65,652	\$17,598
56	Ramona USD	\$23,296	4/28/2015	2	2,489,800	0	\$46,538	\$312,514	\$22,823
57	The Accelerated School	\$18,741	7/28/2015	1	17,055	842	\$22,114	\$173,650	\$23,766
58	Berkeley USD	\$20,330	6/29/2015	2	804,877	20,787	\$122,703	\$1,492,778	\$69,176
59	Lake Tahoe USD	\$19,867	10/23/2015	3	327,742	51,956	\$76,516	\$792,958	\$46,290
60	Escondido Union SD	\$19,670	12/21/2015	10	Not Applicable. Third-party proposal review, update, and prioritization.				
61	Millbrae ESD	\$19,627	11/13/2015	5	147,706	422	\$27,602	\$204,981	\$12,031
62	El Dorado COE	\$19,749	10/22/2015	1	98,204	0	\$16,647	\$134,771	\$7,106
63	Gold Trail USD	\$18,294	10/27/2015	2	75,689	0	\$14,146	\$105,326	\$5,973
64	Pioneer Union SD	\$15,095	11/20/2015	3	77,063	0	\$16,492	\$231,105	\$8,207
65	Gold Oak Union SD	\$16,876	10/27/2015	2	70,282	0	\$12,694	\$114,208	\$9,424
66	Burlingame ESD	\$19,618	11/4/2015	4	59,524	141	\$11,457	\$102,164	\$5,032



## Appendix F

### Bright School Program Summary

(as of December 31, 2015)

	Program Participant	ECAA-Ed Expenditure	Final Report Date	No. of Sites	Est. Annual Electric Savings (kWh)	Est. Annual Natural Gas Savings (therms)	Est. Annual Energy Cost Savings	Est. Project Cost	Potential Utility Incentive
67	Eel River Charter School	\$9,918	10/26/2015	1	14,603	139	\$3,076	\$56,172	\$2,243
68	Benicia USD	\$19,982	11/7/2015	2	275,903	3,908	\$45,676	\$428,375	\$21,437
69	Lake COE	\$19,374	11/18/2015	3	34,714	0	\$8,172	\$72,590	\$2,486
70	Arcata ESD	\$16,615	10/24/2015	2	55,059	612	\$10,948	\$87,522	\$6,942
71	Coastal Grove Charter School	\$9,444	10/18/2015	1	13,315	0	\$2,610	\$22,476	\$1,360
72	Temecula Valley USD	\$19,883	11/3/2015	1	97,646	10,177	\$18,696	\$142,396	\$48,941
73	Marysville Academy of Arts	\$11,497	10/19/2015	1	56,999	0	\$10,374	\$154,659	\$3,934
74	Middletown USD	\$19,786	12/10/2015	5	174,388	0	\$32,408	\$203,739	\$13,859
75	Livermore Valley Joint USD	\$19,848	10/29/2015	3	17,927	5,705	\$10,821	\$170,653	\$8,394
76	Bellevue Union SD	\$17,570	11/25/2015	4	139,196	5,338	\$14,510	\$219,355	\$26,450
77	Westmorland Union ESD	\$10,236	9/24/2015	1	114,585	69	\$12,309	\$178,755	\$21,821
78	Martinez USD	\$19,798	12/21/2015	3	269,021	4,088	\$54,472	\$841,488	\$30,967
79	Union Hill SD	\$13,328	11/30/2015	4	149,896	2,544	\$31,128	\$436,630	\$18,855
80	San Ramon Valley USD	\$19,760	11/20/2015	4	281,815	2,593	\$54,336	\$775,221	\$35,994
81	La Canada USD	\$19,010	12/3/2015	3	214,231	3,815	\$51,267	\$206,937	\$16,573
82	Contra Costa CCD	\$19,991	12/10/2015	1	132,791	2,018	\$21,051	\$605,933	\$32,458
83	Canyon ESD	\$7,974	9/28/2015	1	18,057	0	\$3,738	\$50,846	\$512
84	Buckeye Union SD	\$19,804	12/11/2015	3	336,798	1,638	\$69,191	\$2,787,060	\$68,584
85	Twin Ridges ESD	\$11,848	11/10/2015	1	21,298	0	\$3,812	\$28,192	\$2,284
86	Newark USD	\$19,951	11/16/2015	5	203,270	0	\$39,142	\$2,043,805	\$16,262
87	Seeley Union SD	\$13,046	10/29/2015	1	156,004	172	\$17,166	\$235,732	\$24,907
88	McCabe Union ESD	\$19,901	11/6/2015	1	346,313	119	\$39,429	\$515,610	\$60,546
89	Life Learning Academy	\$11,815	12/21/2015	1	39,515	1,477	\$7,738	\$113,845	\$0
90	Golden Oak Montessori of Hayward	\$13,929	12/29/2015	1	21,581	241	\$4,637	\$52,473	\$2,813
	Contractor Administration (as of 12/31/2015)	\$278,026	Not applicable. Prime contractor's contract administration expense						
	Participant withdrawn after costs incurred	\$13,507	Not applicable						
	<b>Total</b>	<b>\$1,806,564</b>		<b>221</b>	<b>18,277,708</b>	<b>219,050</b>	<b>\$2,930,239</b>	<b>\$44,539,622</b>	<b>\$1,646,839</b>

## APPENDIX B: CALIFORNIA COMMUNITY COLLEGES CHANCELLOR'S OFFICE PROPOSITION 39 SUMMARY REPORT

**CALIFORNIA COMMUNITY COLLEGES  
CHANCELLOR'S OFFICE**

1102 Q STREET, SUITE 4554  
SACRAMENTO, CA 95811-6549  
(916) 445-8752  
<http://www.cccco.edu>



October 30, 2015

Citizens Oversight Board  
c/o Kate Gordon, Chair  
1516 Ninth Street, MS-29  
Sacramento, CA 95814-5512

RE: California Community Colleges Proposition 39 Report

Dear Ms. Gordon:

The California Community Colleges Chancellor's Office is pleased to share with you the successes of the community college districts in implementing the Proposition 39 program. The first two years of funding have yielded 593 energy projects, with 135 projects completely finished, including project measurement, verification and close-out documentation. The completed Proposition 39 projects have resulted in one-time energy incentives from the Investor-Owned Utilities, ongoing energy and monetary savings at the system's 72 college districts, job creation in the community, and a better physical environment for California's community college students.

The 135 energy projects completed on 69 community college campuses in the first two years of Proposition 39 funding will result in an annual savings of 17.4 million kilowatt-hours of electricity and 230,000 gas therms - enough energy to power over 3,000 homes. The projects will also generate \$2.5 million in annual energy cost savings and \$3.9 million in one-time energy incentives. These savings can be redirected to educational programs and other support services to improve student outcomes.

The remaining 458 energy projects started in the first two years of Proposition 39 funding will result in further savings of 42.6 million kilowatt-hours of electricity and over 1,000,000 gas therms or enough energy to power 8,100 homes. The districts will achieve an estimated \$6.2 million in annual energy cost savings and \$9.2 million in energy incentives.

Additionally, the Proposition 39 energy projects will create jobs in communities throughout the state in both construction and construction related fields -- consultants, energy auditors, architects, engineers, and office staff. The 135 completed projects generated a total of 174 job years, and we estimate the remaining 458 projects will generate an additional 487 job years for a total of 661 jobs years.

To put these numbers into context, the 661 job years equates to each of the 72 community college districts bringing 9 one-year jobs to its community within the first two years of Proposition 39 funding. We are just beginning the third year of Proposition 39 projects and have every reason to believe they will be equally successful in generating jobs in local communities.

The Proposition 39 funding has been very beneficial to the California community colleges with an almost 5% reduction in system-wide energy usage. A total of 47 districts, or 65% of community college districts, have reduced their energy usage on campus with some districts reducing their usage by over 30 percent while others have made single digit energy reductions.

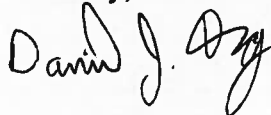
#### **Workforce and Economic Development Division (WEDD)**

The Proposition 39 funds have also provided training for community college students and instructors in energy efficiency related areas. In fiscal year 2013-14, WEDD has awarded almost \$5 million to the districts, with \$2 million allocated to equipment for the various programs and \$3 million allocated to program improvement. WEDD is currently focused on fiscal year 2014-15 program improvement efforts and the distribution of funds to districts.

The California Conservation Corps Energy Auditor training program has resulted in 347 Corps members passing courses in energy surveying and energy retrofit. This program will continue and will be expanded to include Advanced Energy Auditor training. Additionally, there are almost 7,400 students enrolled in energy efficiency courses throughout the state. The community college courses are aligned with the objectives of Proposition 39 and California's Green Building Code (Title 24), and we expect similar levels of district participation in the 2014-15 and 2015-16 fiscal cycles.

The funding provided by Proposition 39 has been pivotal in providing districts the opportunity to move forward with energy saving projects that they would not have had the chance to do, as well as allowing for the professional development, equipment, and curriculum necessary to operate this successful program. The results from the Proposition 39 California Clean Energy Act thus far for the community colleges have been very successful and we expect further success in the remaining years of the program.

Sincerely,



Daniel Troy  
Vice Chancellor  
College Finance & Facilities Planning Division  
California Community Colleges Chancellor's Office

cc: Susan C. Yeager  
cc: Von Ton-Quinlivan  
cc: Gary W. Adams  
cc: Armand Angulo

# Citizens Oversight Board Proposition 39 Summary Report



California Community Colleges Chancellor's Office  
Facilities Planning and Utilization  
October 2015

## Proposition 39 Overview

## **Purpose of the Report**

The purpose of this document is to report to the Citizens Oversight Board on the progress of the California community colleges use of Proposition 39 funding for completed projects and education efforts per the requirements of SB 73 (de Leon, 2013).

The report includes information on completed energy projects, energy projects currently in progress, and education and training pertaining to Proposition 39 funding and is organized as follows:

- 1) The first two sections of the report provide information on energy projects funded by some combination of Proposition 39, local, and energy incentive funds. The first section provides a summary of the completed and ongoing energy projects in the system, and also provides a summary of key indicators for completed projects in each district.
- 2) The second section of the report provides a summary of energy usage data for each district.
- 3) The third section shows the current allocations by regions in the state for the first year of Proposition 39 funding to respond to workforce development needs for education, new equipment, and program improvements pertaining installing and maintaining energy efficient structures and equipment.
- 4) The fourth section of the report gives more detailed information regarding the Proposition projects complete in the first two years of funding (2013-14 and 2014-15). The information provided in this section is also reflected in the summary for state and the individual districts in the first section of the report.
- 5) The fifth section of the report provides a summary of the estimated data for the 458 on-going energy projects, including project costs, energy incentives, kilowatt-hours and therms saved, and jobs created.
- 6) The final section of the report is provides a summary of the districts' 2014 energy report and shows the energy usage for each district compared to the baseline year of 2013.

Proposition 39  
Project Summary



California Community Colleges Chancellor's Office  
Citizens Oversight Board Report  
Proposition 39 Project Progress Summary

### **Proposition 39 Project Summary**

This report includes both completed projects and those currently in progress. These two categories of projects are shown separately in the attached spreadsheets, and will be discussed separately in the narrative.

### **Summary of Closed –out and In-progress Projects**

The California community colleges currently has almost 600 projects started in the first two years of Proposition 39 (2013-14 and 2014-15) either closed-out or in progress at a total cost of \$119.6 million. These projects will generate savings of 60 million kilowatt-hours and over 1 million gas therms resulting in \$8.7 million of energy cost savings. This is the equivalent of powering over 11,000 homes. Additionally, 533 one-year jobs will be created in community college communities.

### **Proposition 39 Total Projects Summary**

- 593 Total projects
- \$119,605,985 Total project cost
- 60,081,712 kWh savings
- 6,576 kW savings
- 1,257,778 therm savings
- \$8,710,268 Energy cost savings
- 20.6 Trainee job years (FTEs)
- 661 Direct job years (FTEs)
- \$13,096,019 Incentives paid
- 11,216 Homes powered

### **Completed/Closed Out Projects**

There are **135 completed projects** that were started in fiscal years 2013-14 and 2014-15 and closed-out on or before October 7, 2015. A summary of key data points for the 135 closed out projects is provided below, with more detail available on the attached spreadsheets. The energy projects spreadsheets section has a summary of the total project information for each district in the front, followed by a spreadsheet for each district with detailed project information.

Projects are not counted as completed and closed-out until they have been installed, verified by the investor owned utility (or consultant if they are located in Publicly Owned Utility territory), and the total project costs and job hours created by the project have been reported in the project close out forms.

As of October 7, 2015, the California community colleges have 135 completed and closed-out projects at a cost of \$31.3 million including Proposition 39 funds, utility incentives, and any district funding required to complete the project. The projects have generated savings of 17.4 million kilowatt-hours and almost 230,000 gas therms resulting in \$2.5 million in energy cost savings. This is the equivalent of powering

California Community Colleges Chancellor's Office  
Citizens Oversight Board Report  
Proposition 39 Project Progress Summary

over 3,000 homes. The projects also generated the equivalent of 174 one year jobs in construction and construction related fields and 7 training years in the communities served by the districts.

**Proposition 39 Closed-out Projects**

- 135 Closed out projects
- \$31,264,390 Total project costs
- 17,449,093 Verified kWh savings
- 2,048 Verified kW savings
- 229,699 Verified therm savings
- \$2,492,776 Annual energy cost savings
- 174 Direct job years (FTEs)
- 7.12 Trainee job years (FTEs)
- \$3,892,862 Verified incentives
- 3,072 Homes powered

**Projects In-progress**

An additional 458 projects are in progress at a total cost of \$88 million, including Proposition 39, utility incentive and district funding. These projects will result in savings of 42 million kilowatt-hours and 1 million gas therms resulting in \$6.2 million in energy cost savings. This is the equivalent of powering over 8,000 homes. Additionally, 500 one-year jobs will be created in community college communities.

**Proposition 39 Projects In-progress (Estimated)**

- 458 In-progress projects
- \$88,341,595 Current total project costs
- 42,632,619 Current kWh savings
- 4,528 Current kW savings
- 1,028,079 Current therm savings
- \$6,217,492 Current annual energy cost savings
- 486.87 Current direct job years (FTEs)
- 13.52 Current trainee job years (FTEs)
- \$9,203,157 Current incentives
- 8,144 Current homes powered

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Proposition 39 Project Progress Summary

**Completed/Closed-out Projects**  
**Summary by District**

This document provides a summary of the data included in the attached spreadsheets for closed-out projects for each community college district, including total project costs, incentive amounts, kilowatt-hours and gas therms saved, and other project metrics.

**Proposition 39 District Projects Completed**

- **Antelope Valley CCD**
  - 1 Closed out projects
  - \$385,458 Total project costs
  - 205,830 Verified kWh savings
  - 0.0 Verified kW savings
  - 0.0 Verified therm savings
  - \$26,758 Annual energy cost savings
  - .21 Trainee job years (FTEs)
  - .13 Direct job years (FTEs)
  - 267 Direct job hours
  - 430.5 Apprentice direct job hours
  - \$49,399.20 Verified incentives
  - 32.52 Homes powered
  
- **Barstow CCD**
  - 2 Closed out projects
  - \$243,598.91 Total project costs
  - 81,688 Verified kWh savings
  - 2.2 Verified kW savings
  - 0.0 Verified therm savings
  - \$12,804.40 Annual energy cost savings
  - .05 Trainee job years (FTEs)
  - .06 Direct job years (FTEs)
  - 114.75 Direct job hours
  - 111.5 Apprentice direct job hours
  - \$19,605.12 Verified incentives
  - 12.9 Homes powered

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- **Butte-Glenn CCD**

- 2 Closed out projects
- \$430,611.97 Total project costs
- 130,500 Verified kWh savings
- 0.0 Verified kW savings
- 6,530 Verified therm savings
- \$110,930 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- 1.43 Direct job years (FTEs)
- 2,981.5 Direct job hours
- 0.0 Apprentice direct job hours
- \$37,850 Verified incentives
- 29.6 Homes powered

- **Cabrillo CCD**

- 7 Closed out projects
- \$771,428 Total project costs
- 291,786 Verified kWh savings
- 38.6 Verified kW savings
- 0.0 Verified therm savings
- \$40,099 Annual energy cost savings
- .02 Trainee job years (FTEs)
- .76 Direct job years (FTEs)
- 1,556.9 Direct job hours
- 47 Apprentice direct job hours
- \$67,943.52 Verified incentives
- 46.1 Homes powered

- **Cerritos CCD**

- 2 Closed out projects
- \$583,435 Total project costs
- 235,252 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- \$30,583 Annual energy cost savings
- .06 Trainee job years (FTEs)
- .28 Direct job years (FTEs)
- 588 Direct job hours
- 117 Apprentice direct job hours
- \$56,460.50 Verified incentives
- 37.2 Homes powered

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- **Chaffey CCD**

- 2 Closed out projects
- \$154,183 Total project costs
- 0.0 Verified kWh savings
- 0.0 Verified kW savings
- 41,796 Verified therm savings
- \$25,453.76 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- .07 Direct job years (FTEs)
- 138.32 Direct job hours
- 0.0 Apprentice direct job hours
- \$52,200 Verified incentives
- 57.3 Homes powered

- **Citrus CCD**

- 4 Closed out projects
- \$961,240 Total project costs
- 460,085 Verified kWh savings
- 5 Verified kW savings
- 0.0 Verified therm savings
- \$45,261.40 Annual energy cost savings
- .02 Trainee job years (FTEs)
- .70 Direct job years (FTEs)
- 1,453 Direct job hours
- 36 Apprentice direct job hours
- \$97,070.64 Verified incentives
- 72.7 Homes powered

- **Coast CCD**

- 6 Closed out projects
- \$1,395,145 Total project cost
- 1,266,885 Verified kWh savings
- 234.2 Verified kW savings
- 0.0 Verified therm savings
- \$164,695 Annual energy cost savings
- .8 Trainee job years (FTEs)
- .93 Direct job years (FTEs)
- 1,994.6 Direct job hours
- 1,610.10 Apprentice direct job hours
- \$248,573.83 Verified incentives
- 200.2 Homes powered

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- **Compton CCD**

- 3 Closed out projects
- \$267,792 Total project costs
- 164,494 Verified kWh savings
- 19.2 Verified kW savings
- 0.0 Verified therm savings
- \$21,384 Annual energy cost savings
- 1.8 Trainee job years (FTEs)
- 1.63 Direct job years (FTEs)
- 3,406 Direct job hours
- 3,758 Apprentice direct job hours
- \$39,478.56 Verified incentives
- 26 Homes powered

- **El Camino CCD**

- 6 Closed out projects
- \$965,477.28 Total project costs
- 414,958 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- \$56,817.28 Annual energy cost savings
- 0.1 Trainee job years (FTEs)
- .66 Direct job years (FTEs)
- 1,354.38 Direct job hours
- 210.38 Apprentice direct job hours
- \$97,770.24 Verified incentives
- 65.6 Homes powered

- **Feather River CCD**

- 1 Closed out projects
- \$16,940 Total project costs
- 34,159 Verified kWh savings
- 4.2 Verified kW savings
- 0.0 Verified therm savings
- \$5,124 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- 0.0 Direct job years (FTEs)
- 0.0 Direct job hours
- 0.0 Apprentice direct job hours
- \$5,123.85 Verified incentives
- 5.4 Homes powered

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- **Foothill-De Anza CCD**

- 2 Closed out projects (Audits)
- \$200,000 Total project costs
- 0.0 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- 0.0 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- 0.0 Direct job years (FTEs)
- 0.0 Direct job hours
- 0.0 Apprentice direct job hours
- \$0.00 Verified incentives
- 0.0 Homes powered

- **Grossmont-Cuyamaca CCD**

- 6 Closed out projects
- \$873,780 Total project costs
- 283,279 Verified kWh savings
- 49.4 Verified kW savings
- 0.0 Verified therm savings
- \$48,157 Annual energy cost savings
- .38 Trainee job years (FTEs)
- 1.1 Direct job years (FTEs)
- 2,282 Direct job hours
- 797 Apprentice direct job hours
- \$52,681.80 Verified incentives
- 44.8 Homes powered

- **Hartnell CCD**

- 1 Closed out projects
- \$332,274 Total project costs
- 132,360 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- \$15,883 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- .35 Direct job years (FTEs)
- 723 Direct job hours
- 0.0 Apprentice direct job hours
- \$31,766.40 Verified incentives
- 21 Homes powered

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- **Imperial CCD**

- 3 Closed out projects
- \$320,000 Total project costs
- 0.0 Verified kWh savings
- 0.0 Verified kW savings
- 11,389 Verified therm savings
- \$8,074 Annual energy cost savings
- .53 Trainee job years (FTEs)
- .07 Direct job years (FTEs)
- 140 Direct job hours
- 1,119 Apprentice direct job hours
- \$19,736 Verified incentives
- 15.6 Homes powered

- **Kern CCD**

- 3 Closed out projects
- \$946,047 Total project costs
- 409,340 Verified kWh savings
- 37.7 Verified kW savings
- 0.0 Verified therm savings
- \$51,772 Annual energy cost savings
- .06 Trainee job years (FTEs)
- 1.15 Direct job years (FTEs)
- 2,374 Direct job hours
- 133 Apprentice direct job hours
- \$85,676 Verified incentives
- 64.7 Homes powered

- **Lake Tahoe CCD**

- 3 Closed out projects
- \$76,151 Total project costs
- 80,234 Verified kWh savings
- 14.5 Verified kW savings
- 0.0 Verified therm savings
- \$8,826 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- .08 Direct job years (FTEs)
- 173.7 Direct job hours
- 0.0 Apprentice direct job hours
- \$10,020 Verified incentives
- 12.7 Homes powered



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- **Long Beach CCD**
  - 6 Closed out projects
  - \$1,680,109 Total project costs
  - 1,137,319 Verified kWh savings
  - 390 Verified kW savings
  - 0.0 Verified therm savings
  - \$147,851 Annual energy cost savings
  - .01 Trainee job years (FTEs)
  - 2.04 Direct job years (FTEs)
  - 4,245.2 Direct job hours
  - 24 Apprentice direct job hours
  - \$273,584.28 Verified incentives
  - 179.7 Homes powered
- **Los Angeles CCD**
  - 2 Closed out projects
  - \$90,118 Total project costs
  - 0.0 Verified kWh savings
  - 0.0 Verified kW savings
  - 28,420 Verified therm savings
  - \$19,894 Annual energy cost savings
  - 0.0 Trainee job years (FTEs)
  - 0.0 Direct job years (FTEs)
  - 0.0 Direct job hours
  - 0.0 Apprentice direct job hours
  - \$24,420 Verified incentives
  - 38.9 Homes powered
- **Marin CCD**
  - 2 Closed out projects
  - \$133,985 Total project costs
  - 142,757 Verified kWh savings
  - 0.0 Verified kW savings
  - 64,697 Verified therm savings
  - \$68,888 Annual energy cost savings
  - 0.0 Trainee job years (FTEs)
  - .03 Direct job years (FTEs)
  - 62.25 Direct job hours
  - 0.0 Apprentice direct job hours
  - \$98,958.68 Verified incentives
  - 111.2 Homes powered

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- **Mt. San Antonio CCD**

- 1 Closed out projects
- \$2,712,774 Total project costs
- 801,941 Verified kWh savings
- 75 Verified kW savings
- 0.0 Verified therm savings
- \$104,252 Annual energy cost savings
- .46 Trainee job years (FTEs)
- .97 Direct job years (FTEs)
- 2,013.5 Direct job hours
- 955 Apprentice direct job hours
- \$192,465.84 Verified incentives
- 126.7 Homes powered

- **North Orange CCD**

- 5 Closed out projects
- \$1,268,879 Total project costs
- 1,338,247 Verified kWh savings
- 482.8 Verified kW savings
- 0.0 Verified therm savings
- \$173,972 Annual energy cost savings
- .14 Trainee job years (FTEs)
- 1.31 Direct job years (FTEs)
- 2,709.5 Direct job hours
- 297 Apprentice direct job hours
- \$321,179.28 Verified incentives
- 211.4 Homes powered

- **Ohlone CCD**

- 4 Closed out projects
- \$360,070 Total project costs
- 144,410 Verified kWh savings
- 17.6 Verified kW savings
- -471 Verified therm savings
- \$16,952 Annual energy cost savings
- .05 Trainee job years (FTEs)
- .14 Direct job years (FTEs)
- 278 Direct job hours
- 101.5 Apprentice direct job hours
- \$32,923.56 Verified incentives
- 22.2 Homes powered

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- **Palo Verde CCD**

- 1 Closed out projects
- \$101,920 Total project costs
- 99,517 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- \$12,937 Annual energy cost savings
- .05 Trainee job years (FTEs)
- .01 Direct job years (FTEs)
- 13.75 Direct job hours
- 110 Apprentice direct job hours
- \$23,884 Verified incentives
- 15.7 Homes powered

- **Pasadena CCD**

- 6 Closed out projects
- \$1,798,222.48 Total project costs
- 683,989 Verified kWh savings
- 53 Verified kW savings
- 5,374 Verified therm savings
- \$106,360.15 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- 1.37 Direct job years (FTEs)
- 2,851 Direct job hours
- 0.0 Apprentice direct job hours
- \$109,701.24 Verified incentives
- 115.4 Homes powered

- **Rancho Santiago CCD**

- 3 Closed out projects
- \$1,575,833 Total project costs
- 1,345,065 Verified kWh savings
- 209.4 Verified kW savings
- 20,686 Verified therm savings
- \$187,270 Annual energy cost savings
- .08 Trainee job years (FTEs)
- .88 Direct job years (FTEs)
- 1,843.31 Direct job hours
- 162 Apprentice direct job hours
- 321,066.88 Verified incentives
- 241 Homes powered

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- **Riverside CCD**

- 6 Closed out projects
- \$894,091 Total project costs
- 770,907 Verified kWh savings
- 29.7 Verified kW savings
- 0.0 Verified therm savings
- \$87,719 Annual energy cost savings
- 0.14 Trainee job years (FTEs)
- .46 Direct job years (FTEs)
- 970.5 Direct job hours
- 288.25 Apprentice direct job hours
- \$84,997.92 Verified incentives
- 121.8 Homes powered

- **San Bernardino CCD**

- 3 Closed out projects
- \$568,699 Total project costs
- 605,928 Verified kWh savings
- 1 Verified kW savings
- 0.0 Verified therm savings
- \$78,771 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- .43 Direct job years (FTEs)
- 890.5 Direct job hours
- 0.0 Apprentice direct job hours
- \$145,422.72 Verified incentives
- 95.7 Homes powered

- **San Joaquin Delta CCD**

- 1 Closed out projects
- \$848,464 Total project costs
- 569,928 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- \$48,444 Annual energy cost savings
- .46 Trainee job years (FTEs)
- .46 Direct job years (FTEs)
- 953.5 Direct job hours
- 951 Apprentice direct job hours
- \$136,783 Verified incentives
- 90 Homes powered

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- **San Jose Evergreen CCD**
  - 2 Closed out projects
  - \$714,152 Total project costs
  - 369,765 Verified kWh savings
  - 0.0 Verified kW savings
  - 0.0 Verified therm savings
  - \$33,598 Annual energy cost savings
  - .15 Trainee job years (FTEs)
  - .25 Direct job years (FTEs)
  - 535 Direct job hours
  - 300 Apprentice direct job hours
  - \$71,203.20 Verified incentives
  - 58.4 Homes powered
  
- **San Luis Obispo CCD**
  - 5 Closed out projects
  - \$693,138.40 Total project costs
  - 339,656 Verified kWh savings
  - 34 Verified kW savings
  - -834 Verified therm savings
  - \$43,862.73 Annual energy cost savings
  - .09 Trainee job years (FTEs)
  - .48 Direct job years (FTEs)
  - 1,006 Direct job hours
  - 169 Apprentice direct job hours
  - \$71,367.60 Verified incentives
  - 52.5 Homes powered
  
- **Santa Barbara CCD**
  - 1 Closed out projects
  - \$556,058 Total project costs
  - 284,810 Verified kWh savings
  - 75.4 Verified kW savings
  - 0.0 Verified therm savings
  - \$37,025 Annual energy cost savings
  - .17 Trainee job years (FTEs)
  - .23 Direct job years (FTEs)
  - 470 Direct job hours
  - 355 Apprentice direct job hours
  - \$68,354.40 Verified incentives
  - 45 Homes powered

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- **Santa Monica CCD**

- 3 Closed out projects
- \$888,573 Total project costs
- 347,099 Verified kWh savings
- 16 Verified kW savings
- 6,014 Verified therm savings
- \$49,333 Annual energy cost savings
- .10 Trainee job years (FTEs)
- .29 Direct job years (FTEs)
- 604.5 Direct job hours
- 209 Apprentice direct job hours
- \$83,941.68 Verified incentives
- 63.1 Homes powered

- **Sequoias CCD**

- 2 Closed out projects
- \$324,991 Total project costs
- 157,310 Verified kWh savings
- 0.0 Verified kW savings
- 24,900 Verified therm savings
- \$40,370 Annual energy cost savings
- .03 Trainee job years (FTEs)
- .04 Direct job years (FTEs)
- 73 Direct job hours
- 60 Apprentice direct job hours
- \$47,954.43 Verified incentives
- 59 Homes powered

- **Shasta-Tehama Trinity CCD**

- 1 Closed out projects
- \$277,000 Total project costs
- 110,400 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- \$11,040 Annual energy cost savings
- .08 Trainee job years (FTEs)
- .09 Direct job years (FTEs)
- 179 Direct job hours
- 163 Apprentice direct job hours
- \$25,963.20 Verified incentives
- 17.4 Homes powered

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- **Sierra Joint CCD**

- 3 Closed out projects
- \$847,236 Total project costs
- 576,335 Verified kWh savings
- 103.8 Verified kW savings
- 3,810 Verified therm savings
- 72,208 Annual energy cost savings
- .27 Trainee job years (FTEs)
- .81 Direct job years (FTEs)
- 1,685.25 Direct job hours
- 552.5 Apprentice direct job hours
- \$120,714.30 Verified incentives
- 96.3 Homes powered

- **Sonoma CCD**

- 3 Closed out projects
- 427,811 Total project costs
- 559,213 Verified kWh savings
- 53.5 Verified kW savings
- 0.0 Verified therm savings
- \$76,572 Annual energy cost savings
- .08 Trainee job years (FTEs)
- .49 Direct job years (FTEs)
- 1,019 Direct job hours
- 160 Apprentice direct job hours
- \$134,211.12 Verified incentives
- 88.4 Homes powered

- **South Orange CCD**

- 2 Closed out projects
- \$1,465,876 Total project costs
- 536,775 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- \$69,781 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- 1.38 Direct job years (FTEs)
- 2,873 Direct job hours
- 0.0 Apprentice direct job hours
- \$128,826 Verified incentives
- 84.8 Homes powered

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- **State Center CCD**

- 6 Closed out projects
- \$1,154,926 Total project costs
- 558,854 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- 83,828 Annual energy cost savings
- .3 Trainee job years (FTEs)
- 1.14 Direct job years (FTEs)
- 2,351 Direct job hours
- 635 Apprentice direct job hours
- \$103,001 Verified incentives
- 88.3 Homes powered

- **Ventura CCD**

- 3 Closed out projects
- \$863,300 Total project costs
- 758,015 Verified kWh savings
- 0.0 Verified kW savings
- 0.0 Verified therm savings
- \$98,542 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- .27 Direct job years (FTEs)
- 576 Direct job hours
- 0.0 Apprentice direct job hours
- \$181,823.60 Verified incentives
- 119.8 Homes powered

- **Victor Valley CCD**

- 2 Closed out projects
- \$555,535 Total project costs
- 263,900 Verified kWh savings
- 10.7 Verified kW savings
- 15,167 Verified therm savings
- \$43,964 Annual energy cost savings
- .11 Trainee job years (FTEs)
- .22 Direct job years (FTEs)
- 463.5 Direct job hours
- 226.1 Apprentice direct job hours
- \$58,794.72 Verified incentives
- 62.5 Homes powered



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- **West Valley-Mission CCD**

- 3 Closed out projects
- \$772,037 Total project costs
- 224,868 Verified kWh savings
- 8 Verified kW savings
- 0.0 Verified therm savings
- \$29,300 Annual energy cost savings
- .35 Trainee job years (FTEs)
- 1.47 Direct job years (FTEs)
- 3,061.3 Direct job hours
- 724.1 Apprentice direct job hours
- \$27,798 Verified incentives
- 35.5 Homes powered

- **Yosemite CCD**

- 2 Closed out projects
- \$620,527 Total project costs
- 425,552 Verified kWh savings
- 71.9 Verified kW savings
- 0.0 Verified therm savings
- \$63,832.80 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- .85 Direct job years (FTEs)
- 1,751 Direct job hours
- 0.0 Apprentice direct job hours
- \$0.00 Verified incentives
- 67.2 Homes powered

- **Yuba CCD**

- 3 Closed out projects
- \$146,507 Total project costs
- 105,683 Verified kWh savings
- 11.6 Verified kW savings
- 2,221 Verified therm savings
- \$13,586 Annual energy cost savings
- 0.0 Trainee job years (FTEs)
- .17 Direct job years (FTEs)
- 336 Direct job hours
- 0.0 Apprentice direct job hours
- \$28,065.92 Verified incentives
- 19.7 Homes powered

## District Energy Usage Data Summary

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**Energy Usage Data Summary**

The following data is submitted and self-certified by the districts on a fiscal year basis. At a glimpse, system-wide energy usage has been reduced by 4.68 percent. A total of 47 districts have reduced their energy usage on campus while 19 districts have increased their usage. A total of 6 districts have not reported their baseline energy usage so we are unable to calculate the change at their district. Some districts have made some headway in reducing their usage by over 30 percent. However, there are districts that have increased their usage by the same amount.

Currently, districts are submitting their FY 2014-15 energy usage data. Therefore we currently do not have FY 2014-15 progress data to compare against the base year. For further detail and information, please see the attached spreadsheet showing the energy usage data summary and per district.

**System-wide Energy Usage Data**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,612
- FY 2013-14 Average BTUs per GSF per week: 1,537
- Percent reduction/gain of baseline year: -4.68%

**Energy Usage per District**

**Allan Hancock Joint CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,673
- FY 2013-14 Average BTUs per GSF per week: 1,846
- Percent reduction/gain of baseline year: 10.34%

**Antelope Valley CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,516
- FY 2013-14 Average BTUs per GSF per week: 1,328
- Percent reduction/gain of baseline year: -12.42%

**Barstow CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,581
- FY 2013-14 Average BTUs per GSF per week: 1,486
- Percent reduction/gain of baseline year: -6.06%

**Butte - Glenn CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,119
- FY 2013-14 Average BTUs per GSF per week: 1,210
- Percent reduction/gain of baseline year: 8.12%

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**Cabrillo**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,789
- FY 2013-14 Average BTUs per GSF per week: 1,677
- Percent reduction/gain of baseline year: -6.25%

**Cerritos CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,855
- FY 2013-14 Average BTUs per GSF per week: 1,679
- Percent reduction/gain of baseline year: -9.47%

**Chabot-Las Positas CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,134
- FY 2013-14 Average BTUs per GSF per week: 1,984
- Percent reduction/gain of baseline year: -7.03%

**Chaffey CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,696
- FY 2013-14 Average BTUs per GSF per week: 2,957
- Percent reduction/gain of baseline year: 9.69%

**Citrus CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,752
- FY 2013-14 Average BTUs per GSF per week: 1,493
- Percent reduction/gain of baseline year: -14.76%

**Coast CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,459
- FY 2013-14 Average BTUs per GSF per week: 1,494
- Percent reduction/gain of baseline year: 2.43%

**Compton CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 753
- FY 2013-14 Average BTUs per GSF per week: 594
- Percent reduction/gain of baseline year: -21.22%

**Contra Costa CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,784
- FY 2013-14 Average BTUs per GSF per week: 1,757
- Percent reduction/gain of baseline year: -1.53%

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**Copper Mountain CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,943
- FY 2013-14 Average BTUs per GSF per week: 1,678
- Percent reduction/gain of baseline year: -13.67%

**Desert CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,825
- FY 2013-14 Average BTUs per GSF per week: 1,708
- Percent reduction/gain of baseline year: -6.42%

**El Camino CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,553
- FY 2013-14 Average BTUs per GSF per week: 1,333
- Percent reduction/gain of baseline year: -14.2%

**Feather River CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 994
- FY 2013-14 Average BTUs per GSF per week: 928
- Percent reduction/gain of baseline year: -6.56%

**Foothill-De Anza CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,921
- FY 2013-14 Average BTUs per GSF per week: 1886
- Percent reduction/gain of baseline year: -1.83%

**Gavilan CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: N/A
- FY 2013-14 Average BTUs per GSF per week: 2,201
- Percent reduction/gain of baseline year: N/A

**Glendale CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,352
- FY 2013-14 Average BTUs per GSF per week: 1,400
- Percent reduction/gain of baseline year: 3.55%

**Grossmont-Cuyamaca CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,062
- FY 2013-14 Average BTUs per GSF per week: 1,038
- Percent reduction/gain of baseline year: -2.31%

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**Hartnell CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: N/A
- FY 2013-14 Average BTUs per GSF per week: 1,149
- Percent reduction/gain of baseline year: N/A

**Imperial CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 963
- FY 2013-14 Average BTUs per GSF per week: 901
- Percent reduction/gain of baseline year: -6.46%

**Kern CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,169
- FY 2013-14 Average BTUs per GSF per week: 1,348
- Percent reduction/gain of baseline year: 15.27%

**Lake Tahoe CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,621
- FY 2013-14 Average BTUs per GSF per week: 2,508
- Percent reduction/gain of baseline year: -4.28%

**Lassen CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,144
- FY 2013-14 Average BTUs per GSF per week: 2,349
- Percent reduction/gain of baseline year: 9.56%

**Long Beach CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,218
- FY 2013-14 Average BTUs per GSF per week: 1,115
- Percent reduction/gain of baseline year: -8.41%

**Los Angeles CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,084
- FY 2013-14 Average BTUs per GSF per week: 763
- Percent reduction/gain of baseline year: -29.57%

**Los Rios CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,166
- FY 2013-14 Average BTUs per GSF per week: 1,424
- Percent reduction/gain of baseline year: -34.22%

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**Marin CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: N/A
- FY 2013-14 Average BTUs per GSF per week: 1,782
- Percent reduction/gain of baseline year: N/A

**Mendocino-Lake CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,245
- FY 2013-14 Average BTUs per GSF per week: 846
- Percent reduction/gain of baseline year: -32.01%

**Merced CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,420
- FY 2013-14 Average BTUs per GSF per week: 2,314
- Percent reduction/gain of baseline year: -4.39%

**Mira Costa CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,731
- FY 2013-14 Average BTUs per GSF per week: 1,853
- Percent reduction/gain of baseline year: 7%

**Monterey Peninsula CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: N/A
- FY 2013-14 Average BTUs per GSF per week: 1,463
- Percent reduction/gain of baseline year: N/A

**Mt. San Antonio CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,950
- FY 2013-14 Average BTUs per GSF per week: 2,513
- Percent reduction/gain of baseline year: 28.92%

**Mt. San Jacinto CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,694
- FY 2013-14 Average BTUs per GSF per week: 1,583
- Percent reduction/gain of baseline year: -6.54%

**Napa Valley CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,549
- FY 2013-14 Average BTUs per GSF per week: 1,498
- Percent reduction/gain of baseline year: -3.29%

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**North Orange County CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,889
- FY 2013-14 Average BTUs per GSF per week: 1,824
- Percent reduction/gain of baseline year: -3.42%

**Ohlone CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,391
- FY 2013-14 Average BTUs per GSF per week: 1,141
- Percent reduction/gain of baseline year: -17.97%

**Palo Verde CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,036
- FY 2013-14 Average BTUs per GSF per week: 1,178
- Percent reduction/gain of baseline year: 13.78%

**Palomar CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 774
- FY 2013-14 Average BTUs per GSF per week: 711
- Percent reduction/gain of baseline year: -8.11%

**Pasadena Area CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 867
- FY 2013-14 Average BTUs per GSF per week: 879
- Percent reduction/gain of baseline year: 1.36%

**Peralta CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,997
- FY 2013-14 Average BTUs per GSF per week: 2,111
- Percent reduction/gain of baseline year: -29.58%

**Rancho Santiago CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,848
- FY 2013-14 Average BTUs per GSF per week: 1,694
- Percent reduction/gain of baseline year: -8.34%

**Redwoods CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: N/A
- FY 2013-14 Average BTUs per GSF per week: 1,408
- Percent reduction/gain of baseline year: N/A



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**Rio Hondo CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,444
- FY 2013-14 Average BTUs per GSF per week: 1,396
- Percent reduction/gain of baseline year: -3.34%

**Riverside CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,603
- FY 2013-14 Average BTUs per GSF per week: 1,502
- Percent reduction/gain of baseline year: -6.3%

**San Bernardino CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,738
- FY 2013-14 Average BTUs per GSF per week: 1,406
- Percent reduction/gain of baseline year: -19.12

**San Diego CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 653
- FY 2013-14 Average BTUs per GSF per week: 864
- Percent reduction/gain of baseline year: 32.22%

**San Francisco CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,615
- FY 2013-14 Average BTUs per GSF per week: 1,504
- Percent reduction/gain of baseline year: -6.89%

**San Joaquin Delta CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,658
- FY 2013-14 Average BTUs per GSF per week: 1,541
- Percent reduction/gain of baseline year: -7.04%

**San Jose-Evergreen CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,371
- FY 2013-14 Average BTUs per GSF per week: 1,330
- Percent reduction/gain of baseline year: -3.02%

**San Luis Obispo County CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,698
- FY 2013-14 Average BTUs per GSF per week: 1,546
- Percent reduction/gain of baseline year: -9%

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**San Mateo County CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,214
- FY 2013-14 Average BTUs per GSF per week: 2,036
- Percent reduction/gain of baseline year: -8.05%

**Santa Barbara CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,308
- FY 2013-14 Average BTUs per GSF per week: 1,286
- Percent reduction/gain of baseline year: -1.68%

**Santa Clarita CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,099
- FY 2013-14 Average BTUs per GSF per week: 1,230
- Percent reduction/gain of baseline year: 11.95%

**Santa Monica CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,245
- FY 2013-14 Average BTUs per GSF per week: 1,194
- Percent reduction/gain of baseline year: -4.07%

**Sequoias CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,046
- FY 2013-14 Average BTUs per GSF per week: 1,084
- Percent reduction/gain of baseline year: 3.67%

**Shasta-Tehama-Trinity Joint CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,057
- FY 2013-14 Average BTUs per GSF per week: 1,578
- Percent reduction/gain of baseline year: -23.29%

**Sierra Joint CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,181
- FY 2013-14 Average BTUs per GSF per week: 1,103
- Percent reduction/gain of baseline year: -6.58%

**Siskiyou Joint CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,513
- FY 2013-14 Average BTUs per GSF per week: 2,365
- Percent reduction/gain of baseline year: -5.9%

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**Solano County CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,442
- FY 2013-14 Average BTUs per GSF per week: 2,206
- Percent reduction/gain of baseline year: -9.68%

**Sonoma County CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,206
- FY 2013-14 Average BTUs per GSF per week: 1,384
- Percent reduction/gain of baseline year: 14.78%

**South Orange County CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 2,800
- FY 2013-14 Average BTUs per GSF per week: 2,653
- Percent reduction/gain of baseline year: -5.24%

**Southwestern CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: N/A
- FY 2013-14 Average BTUs per GSF per week: N/A
- Percent reduction/gain of baseline year: N/A

**State Center CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,339
- FY 2013-14 Average BTUs per GSF per week: 1,148
- Percent reduction/gain of baseline year: -14.28%

**Ventura County CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,041
- FY 2013-14 Average BTUs per GSF per week: 1,011
- Percent reduction/gain of baseline year: -2.94%

**Victor Valley CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,400
- FY 2013-14 Average BTUs per GSF per week: 1,379
- Percent reduction/gain of baseline year: -1.56%

**West Hills CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,505
- FY 2013-14 Average BTUs per GSF per week: 1,435
- Percent reduction/gain of baseline year: -4.69%

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**West Kern CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 907
- FY 2013-14 Average BTUs per GSF per week: 924
- Percent reduction/gain of baseline year: 1.83%

**West Valley-Mission CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 1,709
- FY 2013-14 Average BTUs per GSF per week: 1,829
- Percent reduction/gain of baseline year: 7.03%

**Yosemite CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 3,117
- FY 2013-14 Average BTUs per GSF per week: 3,137
- Percent reduction/gain of baseline year: .66%

**Yuba CCD**

- FY 2012-13 (Baseline Year) Average BTUs per GSF per week: 978
- FY 2013-14 Average BTUs per GSF per week: 1,005
- Percent reduction/gain of baseline year: 2.79%

# Workforce and Economic Development Summary

## **Workforce Development**

### **2013-14 Fiscal Year**

The Workforce and Economic Development Division (WEDD) received \$6 million in 2013-14 for the Proposition 39 Workforce Development program. All funding efforts are designed to improve the skills of college students to properly install and maintain energy efficient structures and equipment. WEDD distributed most of the funding (\$5.2 million) through a competitive process to districts serving as regional fiscal agents. These agents then distribute funds to colleges to improve instruction in their programs training students for careers in Energy Efficiency pathways. These funds were used to:

- Purchase new equipment,
- Create and improve curriculum, and
- Provide professional development for faculty and support for regional collaboration.

In addition, the California Conservation Corps received \$350,000 to support curriculum development and community college integration of their Energy Auditor program and \$150,000 was contracted to UC Davis Energy Efficiency Center for professional development of college instructors. An additional \$500,000 is being used to support curriculum design and approval as well as professional development for apprenticeship programs that train workers in the Electrical, Plumbing/Pipe Trades, HVAC and Sheetmetal areas.

Distribution of the funding from the 2013-14 fiscal cycle is ongoing, with the regional project directors for the grants completing their expenditure reports at this time (October/November 2015).

Regional **projected** expenditures to date:

North/Far North: (American River, Butte-Glenn CCD, Siskiyou, Cosumnes River, Sacramento City, Shasta, Sierra, Mendocino)

- |   |           |
|---|-----------|
| • Students Enrolled in Energy Efficiency Courses: | 3,231     |
| • Award:  | \$680,598 |
| • Equipment:                                      | \$296,546 |
| • Program Improvement:                            | \$384,052 |

Bay Area (Cabrillo, College of San Mateo, Diablo Valley, Foothill, Laney, San Jose City, Santa Rosa JC, Skyline)

- |   |             |
|---|-------------|
| • Students Enrolled in Energy Efficiency Courses: | 1290        |
| • Award:  | \$1,091,554 |
| • Equipment:                                      | \$81,356    |
| • Program Improvement:                            | \$1,010,198 |

Central/Mother Lode/Coast: (Allen Hancock, Antelope Valley, Bakersfield, College of the Canyons, Cerro Coso, College of Sequoias, Columbia, Cuesta, Fresno City, Merced, Modesto, Moorpark, Oxnard, Porterville, Reedley, San Joaquin Delta, Santa Barbara, Ventura, West Hills)

- Students Enrolled in Energy Efficiency Courses: 896
- Award: \$867,790
- Equipment: \$398,264
- Program Improvement: \$469,526

Los Angeles/Orange County: (Cerritos, Citrus, Cypress, East LA, El Camino, Glendale, Irvine Valley, LA Southwest, LA Trade Tech, LA Valley, Mt. San Antonio, Pasadena, Santiago Canyon, Rio Hondo, Santa Monica)

- Students Enrolled in Energy Efficiency Courses: 1100
- Award: \$1,491,712
- Equipment: \$838,342
- Program Improvement: \$653,370

San Diego/Imperial/Desert:

- Students Enrolled in Energy Efficiency Courses: 848
- Award: \$868,166
- Equipment: \$469,499
- Program Improvement: \$398,667

## **2014-15 Fiscal Year**

Regional program improvement efforts continue in 2014-15 similar to 2013-14, focused again on improving community college Energy Efficiency instruction through curriculum improvement, faculty professional development and equipment purchases.

Proposition 39  
Closed-out Project Data



District	No. of Completed Projects	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating (Self-Gen)	Calculated Total Direct Job Years (FTEs)	Calculated Total Trainee Job Years (FTEs)	Calculated Total Direct Job-Hours	Calculated Total First Year Apprentice Direct Job-Hours	Verified Direct Job Years (FTEs)	Verified Trainee Job Years (FTEs)	Direct Job-Hours	First Year Apprentice Direct Job-Hours	Avg Number of FTE Months	Avg Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Notes
Antelope Valley Community College District	1	\$385,458	87%	205,830	0	0	\$26,758		2.16	0.06	4,489.81	124.72	0.13	0.21	267.00	430.50	1.54	330	142	33	\$49,399	
Barstow Community College District	2	\$243,599	65%	81,688	2	0	\$12,804		1.36	0.04	2,837.44	78.82	0.06	0.05	114.75	111.50	0.33	373	56	13	\$19,605	
Butte-Glenn Community College District	2	\$430,612	91%	130,500	0	6,530	\$110,930		2.36	0.07	4,899.29	136.09	1.43	0.00	2981.50	0.00	8.60	536	125	30	\$37,850	
Cabrillo Community College District	7	\$771,428	69%	291,786	39	0	\$40,099		4.32	0.12	8,985.59	249.60	0.75	0.02	1556.90	47.00	1.28	283	201	46	\$67,944	
Cerritos Community College District	2	\$583,435	90%	235,252	0	0	\$30,583		3.27	0.09	6,795.85	188.77	0.28	0.06	588.00	117.00	1.70	363	162	37	\$56,460	
Chaffey Community College District	2	\$154,183	37%	0	0	41,796	\$25,454		0.86	0.02	1,795.92	49.89	0.07	0.00	138.32	0.00	0.40	186	222	57	\$52,200	
Citrus Community College District	4	\$961,240	73%	460,085	5	0	\$45,261		5.38	0.15	11,196.52	311.01	0.70	0.02	1453.00	36.00	2.10	390	317	73	\$97,071	
Coast Community College District	6	\$1,395,145	76%	1,266,885	234	0	\$164,695		7.81	0.22	16,250.64	451.41	0.93	0.77	1944.60	1610.10	1.87	189	874	200	\$248,574	
Compton Community College District	3	\$267,792	80%	164,494	19	0	\$21,384		1.50	0.04	3,119.24	86.65	1.64	1.81	3406.00	3758.00	6.55	284	113	26	\$39,479	
El Camino Community College District	6	\$965,477	90%	414,958	0	0	\$56,817		5.41	0.15	11,245.88	312.39	0.65	0.10	1354.38	210.38	1.30	276	286	66	\$97,770	
Feather River Community College District	1	\$16,940	70%	34,159	4	0	\$5,124		0.09	0.00	197.32	5.48	0.00	0.00	0.00	0.00	0.00	317	24	5	\$5,124	
Foothill-DeAnza Community College District	2	\$200,000	100%	0	0	0	\$0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	343	0	0	\$0	
Grossmont-Cuyamaca Community College District	6	\$873,780	70%	283,279	49	0	\$48,157		4.89	0.14	10,177.79	282.72	1.10	0.38	2282.00	796.99	2.19	360	195	45	\$52,682	
Hartnell Community College District	1	\$332,274	71%	132,360	0	0	\$15,883		1.86	0.05	3,870.32	107.51	0.35	0.00	723.00	0.00	4.17	407	91	21	\$31,766	
Imperial Community College District	3	\$320,000	73%	0	0	11,389	\$8,074		1.79	0.05	3,727.36	103.54	0.07	0.54	139.92	1119.00	0.27	391	60	16	\$19,736	
Kern Community College District	3	\$946,047	70%	409,340	38	0	\$51,772		5.30	0.15	11,019.55	306.10	1.14	0.06	2374.08	133.00	4.57	269	282	65	\$85,676	
Lake Tahoe Community College District	3	\$76,151	70%	80,234	15	0	\$8,826		0.43	0.01	887.01	24.64	0.08	0.00	173.70	0.00	0.33	225	55	13	\$10,020	
Long Beach Community College District	6	\$1,680,109	42%	1,137,319	390	0	\$147,851		9.41	0.26	19,569.91	543.61	2.04	0.01	4245.20	24.00	4.08	372	784	180	\$273,584	
Los Angeles Community College District	2	\$90,118	68%	0	0	28,420	\$19,894		0.50	0.01	1,049.69	29.16	0.00	0.00	0.00	0.00	0.00	268	151	39	\$28,420	
Marin Community College District	2	\$133,985	26%	142,757	0	64,697	\$68,888		0.75	0.02	1,560.66	43.35	0.03	0.00	62.25	0.00	0.18	468	441	111	\$98,959	
Mt. San Antonio Community College District	1	\$2,712,774	38%	801,941	75	0	\$104,252		15.19	0.42	31,598.39	877.73	0.97	0.46	2013.50	955.00	11.62	515	553	127	\$192,466	
North Orange County Community College District	5	\$1,268,879	75%	1,338,247	483	0	\$173,972		7.11	0.20	14,779.90	410.55	1.30	0.14	2709.50	297.00	3.13	411	923	211	\$321,179	
Ohlone Community College District	4	\$360,070	78%	144,410	18	(471)	\$16,952		2.02	0.06	4,194.09	116.50	0.13	0.05	278.00	101.50	0.40	264	97	22	\$32,924	
Palo Verde Community College District	1	\$101,920	64%	99,517	0	0	\$12,937		0.57	0.02	1,187.16	32.98	0.01	0.05	13.75	110.00	0.08	301	69	16	\$23,884	
Pasadena Area Community College District	6	\$1,798,222	42%	683,989	53	5,374	\$106,360		10.07	0.28	20,945.70	581.82	1.37	0.00	2851.00	0.00	2.74	547	500	115	\$109,701	
Rancho Santiago Community College District	3	\$1,575,833	65%	1,345,065	209	20,686	\$187,270		8.82	0.25	18,355.31	509.87	0.89	0.08	1843.31	162.00	3.55	306	1037	241	\$321,067	
Riverside Community College District	6	\$894,091	90%	770,907	30	0	\$87,719		5.01	0.14	10,414.37	289.29	0.47	0.14	970.50	288.25	0.93	498	532	122	\$84,998	
San Bernardino Community College District	3	\$568,699	66%	605,928	1	0	\$78,771		3.18	0.09	6,624.21	184.01	0.43	0.00	890.50	0.00	1.71	256	418	96	\$145,423	
San Joaquin Delta Community College District	1	\$848,464	65%	569,928	0	0	\$48,444		4.75	0.13	9,882.91	274.53	0.46	0.46	953.50	951.00	5.50	374	393	90	\$136,783	
San Jose/Evergreen Community College District	2	\$714,152	68%	369,765	0	0	\$33,598		4.00	0.11	8,318.44	231.07	0.26	0.14	535.00	300.00	1.54	342	255	58	\$71,203	
San Luis Obispo County Community College District	5	\$693,138	79%	339,656	34	(834)	\$43,863		3.88	0.11	8,073.68	224.27	0.48	0.08	1006.00	169.00	1.16	398	230	53	\$71,368	
Santa Barbara Community College District	1	\$556,058	88%	284,810	75	0	\$37,025		3.11	0.09	6,476.96	179.92	0.23	0.17	470.00	354.99	2.71	270	196	45	\$68,354	
Santa Monica Community College District	3	\$888,573	84%	347,099	16	6,014	\$49,333		4.98	0.14	10,350.10	287.50	0.29	0.10	604.50	209.00	1.16	238	271	63	\$83,942	
Sequoias Community College District	2	\$324,991	85%	157,310	0	24,900	\$40,370		1.82	0.05	3,785.50	105.15	0.04	0.03	73.00	60.00	0.21	411	240	59	\$47,954	
Shasta-Tehama-Trinity Joint Community College District	1	\$277,000	91%	110,400	0	0	\$11,040		1.55	0.04	3,226.50	89.62	0.09	0.08	179.00	163.00	1.03	373	76	17	\$25,963	
Sierra Joint Community College District	3	\$847,236	84%	576,335	104	3,810	\$72,208		4.74	0.13	9,868.61	274.13	0.81	0.27	1685.25	552.50	3.24	352	418	96	\$120,714	
Sonoma County Community College District	3	\$427,811	69%	559,213	53	0	\$76,572		2.40	0.07	4983.14	138.42	0.49	0.08	1019.00	160.00	1.96	350	386	88	\$134,211	
South Orange County Community College District	2	\$1,465,876	69%	536,775	0	0	\$69,781		8.21	0.23	17,074.52	474.29	1.38	0.00	2873.00	0.00	8.29	297	370	85	\$128,826	
State Center Community College District	6	\$1,154,926	80%	558,854	0	0	\$83,828		6.47	0.18	13,452.58	373.68	1.13	0.31	2350.92	634.90	2.26	325	385	88	\$103,001	
Ventura County Community College District	3	\$863,300	79%	758,015	0	0	\$98,542		4.83	0.13	10,055.72	279.33	0.28	0.00	576.00	0.00	1.11	294	523	120	\$181,924	
Victor Valley Community College District	2	\$555,535	89%	263,900	11	15,167	\$43,964		3.11	0.09	6,470.88	179.75	0.22	0.11	463.50	226.13	1.34	291	262	62	\$58,795	
West Valley-Mission Community College District	3	\$772,037	75%	224,868	8	0	\$29,300		4.32	0.12	8,992.68	249.80	1.47	0.35	3061.34	724.15	5.89	362	155	36	\$27,798	
Yosemite Community College District	2	\$620,527	92%	425,552	72	0	\$63,833		3.47	0.10	7,227.90	200.77	0.84	0.00	1751.00	0.00	5.05	465	293	67	\$0	
Yuba Community College District	3	\$146,507	79%	105,683	12	2,221	\$13,586		0.82	0.02	1,706.51	47.40	0.16	0.00	336.00	0.00	0.65	260	85	20	\$28,066	
TOTALS	135	\$31,264,390	69%	17,449,093	2,048	229,699	\$2,492,776	0.00	173.90	4.83	361721.54	10047.82	25.63	7.12	53,312	14,812	2.47	344	13,250	3,072	\$3,892,862	

Antelope Valley Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Antelope Valley Community College District	Antelope Valley College	ANTELO-1314-001-01	2013-2014	Campus-wide Exterior Lighting Retrofit	\$385,457.50	87.18%	205830	0	0	\$26,757.90		0.21	0.13	267.00	430.50	1.54	330	141.9302823	32.52114	\$49,399.20	11/5/2014

Barstow Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Barstow Community College District	Barstow College	BARSTO-1314-001-01	2013-2014	Campus-wide Exterior Lighting Retrofit	\$167,142.91	51.81%	72832	0	0	\$11,653.12		0.04	0.04	82.00	82.00	0.47	328	50.22137843	11.507456	\$17,479.68	11/3/2014
Barstow Community College District	Barstow College	BARSTO-1415-001-01	2014-2015	Campus walkway lighting retrofit	\$76,456.00	92.57%	8856	2.2000000286		\$1,151.28		0.01	0.02	32.75	29.5	0.19	418	6.106663656	1.399248	\$2,125.44	9/1/2015

Butte-Glenn Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Butte-Glenn Community College District	Butte College - Skyway Center	BUTTEG-1314-002-01	2013-2014	Audit	\$10,000.00	100.00%	0	0	0	\$0.00		0.00	0.00	0.00	0.00	0.00	490	0	0	\$0.00	3/5/2015
Butte-Glenn Community College District	Butte College - Skyway Center	BUTTEG-1314-001-01	2013-2014	EMS Upgrade	\$420,611.97	91.00%	130500	0	6530	\$110,930.00		0	1.43	2,981.50	0	17.2	582	124.6084655	29.5651	\$37,850.00	8/20/2015

Cabrillo Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Cabrillo Community College District	Cabrillo College	CABRIL-1314-001-02	2013-2014	VFD for Pumping	\$214,436.44	63.84%	42527	0	0	\$6,578.93		0	0.21	427.75	0	2.47	285	29.32453538	6.719266	\$10,206.48	6/23/2015
Cabrillo Community College District	Cabrillo College	CABRIL-1314-001-01	2013-2014	Chiller Retrofit	\$201,810.55	84.36%	131507	30.97000122	0	\$20,344.13		0.00	0.15	308.75	0.00	1.78	285	90.68078336	20.778106	\$31,561.68	11/25/2014
Cabrillo Community College District	Cabrillo College	CABRIL-1314-002-03	2013-2014	Exterior 150W HPS to 125W LED Fixtures	\$54,585.09	14.79%	19569	0	0	\$1,956.90		0.00	0.10	205.25	0.00	1.18	275	13.49382352	3.091902	\$4,696.56	4/29/2015
Cabrillo Community College District	Cabrillo College	CABRIL-1314-002-02	2013-2014	Exterior 250W HPS to 183W LED Fixtures	\$86,158.69	46.34%	22400	0	0	\$2,240.00		0.00	0.06	131.60	0.00	0.76	275	15.4459424	3.5392	\$5,376.00	11/25/2014
Cabrillo Community College District	Cabrillo College	CABRIL-1314-002-01	2013-2014	Exterior 250W HPS to 183W LED Fixtures	\$33,522.93	80.77%	26858	0	0	\$2,685.80		0.00	0.06	121.55	0.00	0.70	275	18.51996076	4.243564	\$6,445.92	12/10/2014
Cabrillo Community College District	Cabrillo College	CABRIL-1415-001-02	2014-2015	Interior lighting retrofit	\$92,044.87	74.44%	22240	3.400000095	0	\$3,224.80		0.00	0.13	261.00	5.00	1.51	319	15.33561424	3.51392	\$3,252.48	12/10/2014
Cabrillo Community College District	Cabrillo College	CABRIL-1415-001-01	2014-2015	Pump Replacement	\$88,869.17	92.79%	26685	4.199999809	0	\$3,068.78		0.02	0.05	101.00	42.00	0.58	264	18.40066844	4.21623	\$6,404.40	12/10/2014

Cerritos Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Cerritos Community College District	Cerritos College	CERRIT-1314-001-01	2013-2014	Exterior LED Lighting Retrofit	\$313,922.00	85.46%	190224	0	0	\$24,729.12		0.00	0.12	248.00	0.00	1.43	363	131.1691494	30.055392	\$45,653.76	10/8/2014
Cerritos Community College District	Cerritos College	CERRIT-1314-001-03	2013-2014	Walkway Lighting to LED Retrofit	\$269,513.00	95.99%	45028	0	0	\$5,853.64		0.06	0.16	340	117	1.96	363	31.04910243	7.114424	\$10,806.72	10/8/2014

Chaffey Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Chaffey Community College District	Chaffey College	CHAFFE-1314-001-04	2013-2014	Boilers Replacement	\$102,780.00	50.72%	0	0	3996	\$2,433.56		0.00	0.07	138.32	0.00	0.80	175	21.186792	5.47452	\$14,400.00	9/6/2014
Chaffey Community College District	Chaffey College	CHAFFE-1314-001-03	2013-2014	Pool Cover Installation	\$51,403.00	10.70%	0	0	37800	\$23,020.20		0	0	0	0	0	196	200.4156	51.786	\$37,800.00	9/22/2014

Citrus Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Citrus Community College District	Citrus College	CITRUS-1314-001-02	2013-2014	AHU Replacement	\$174,995.00	99.95%	30730	4.970001221	0	\$3,994.90		0.02	0.04	85.00	36.00	0.49	340	21.18990223	4.85534	\$89.04	9/25/2015
Citrus Community College District	Citrus College	CITRUS-1314-001-01	2013-2014	Retrofit Parking Lot Existing Lights with LEDs	\$247,287.00	85.17%	128256	0	0	\$16,673.28		0.00	0.18	369.00	0.00	2.13	337	88.43905306	20.264448	\$30,781.44	9/25/2015
Citrus Community College District	Citrus College	CITRUS-1415-001-01	2014-2015	Exterior Lighting Phase 2	\$274,805.00	58.98%	275834	0	0	\$22,066.72		0.00	0.32	659.00	0.00	3.80	442	190.2016105	43.581772	\$66,200.16	10/16/2014
Citrus Community College District	Citrus College	CITRUS-1415-001-02	2014-2015	AHU Replacement Phase 2	\$264,153.00	59.73%	25265	0	0	\$2,526.50		0	0.16	340	0	1.96	442	17.42150602	3.99187	\$0.00	10/13/2014



Coast Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Coast Community College District	Golden West College	COASTC-1314-001-01	2013-2014	Interior Lighting Retrofit	\$263,317.00	69.07%	281904	61.70000076	0	\$36,647.52		0.00	0.09	197.00	8.00	1.14	192	194.3871851	44.540832	\$15,679.92	6/20/2014
Coast Community College District	Golden West College	COASTC-1314-001-06	2013-2014	Pool Pump VFD Installation	\$32,269.59	20.00%	122155	11.5	0	\$15,880.15		0	0.02	41.5	0	0.24	176	84.23210241	19.30049	\$25,815.67	6/4/2014
Coast Community College District	Coastline Community College - Garden Grove	COASTC-1314-001-04	2013-2014	Campus Wide Interior & Exterior Lighting Retrofit	\$75,566.00	69.83%	94983	9.18999958	0	\$12,347.79		0.05	0.08	165.60	96.20	0.96	192	65.49562263	15.007314	\$22,795.92	6/20/2014
Coast Community College District	Coastline Community College - Westminster	COASTC-1314-001-03	2013-2014	Interior & Exterior Lighting Retrofit	\$28,365.00	78.85%	24996	2.909999847	0	\$3,249.48		0.02	0.03	62.20	36.10	0.36	192	17.2360168	3.949368	\$5,999.04	6/20/2014
Coast Community College District	Orange Coast College	COASTC-1314-001-05	2013-2014	Interior Lighting Retrofit	\$887,372.00	81.37%	628301	134.8800354	0	\$81,679.13		0.64	0.60	1,241.00	1,332.00	7.16	192	433.2455829	99.271558	\$150,792.24	6/20/2014
Coast Community College District	Coastline Community College - Fountain Valley	COASTC-1314-001-02	2013-2014	Interior & Exterior Lighting Retrofit	\$108,255.00	74.61%	114546	14	0	\$14,890.98		0.07	0.11	237.30	137.80	1.37	192	78.98530885	18.098268	\$27,491.04	6/20/2014

Compton Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Compton Community College District	Compton Community Educational Center	COMPTO-1314-001-03	2013-2014	Interior Lighting Controls (Occupancy Sensors and EMS Scheduling)	\$29,530.00	91.58%	10356	0.8999999619	0	\$1,346.28		0.90	0.72	1,506.00	1,879.00	8.69	253	7.140990156	1.636248	\$2,485.44	11/18/2014
Compton Community College District	Compton Community Educational Center	COMPTO-1314-001-02	2013-2014	Exterior and Interior Lighting Retrofit	\$164,530.00	71.64%	140501	18.33000183	0	\$18,265.13		0	0.19	394	0	2.27	299	96.88260505	22.199158	\$33,720.24	11/10/2014
Compton Community College District	Compton Community Educational Center	COMPTO-1314-001-01	2013-2014	Interior Lighting Controls (LLRC)	\$73,732.00	95.56%	13637		0	\$1,772.81		0.90	0.72	1,506.00	1,879.00	8.69	300	9.403406987	2.154646	\$3,272.88	11/11/2014

El Camino Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
El Camino Community College District	El Camino College	ELCAMI-1314-001-04	2013-2014	Retrofit existing 400W Metal Halide lamps on the roof of the parking structure with LEDs	\$22,959.00	89.13%	10397	0	0	\$1,455.58		0.00	0.01	25.00	0.00	0.14	226	7.169261747	1.642726	\$2,495.28	8/29/2014
El Camino Community College District	El Camino College	ELCAMI-1314-005-01	2013-2014	Multi-Year Natural Science AHU Replacement (Electric Svgs)	\$523,783.00	96.01%	94057	0	0	\$11,286.84		0.1	0.4	834.38	210.38	4.81	399	64.85709841	14.861006	\$20,754.00	8/13/2015
El Camino Community College District	El Camino College	ELCAMI-1314-001-03	2013-2014	Retrofit Add-on of VFD for Pool pump motor	\$28,038.28	85.63%	16786	0	0	\$2,954.34		0.00	0.03	56.00	0.00	0.32	286	11.57480309	2.652188	\$4,028.64	10/28/2014
El Camino Community College District	El Camino College	ELCAMI-1415-001-02	2014-2015	Exterior Site Lighting Phase 3 - Lots J and K	\$33,564.00	76.40%	32998	0	0	\$4,619.72		0.00	0.02	40.00	0.00	0.23	174	22.7538039	5.213684	\$7,919.52	6/3/2015
El Camino Community College District	El Camino College	ELCAMI-1314-001-01	2013-2014	Retrofit existing Standard metal halide fixtures to LED	\$136,476.00	85.26%	83790	0	0	\$11,730.60		0.00	0.10	200.00	0.00	1.15	286	57.77747829	13.23882	\$20,109.60	10/28/2014
El Camino Community College District	El Camino College	ELCAMI-1314-001-02	2013-2014	Retrofit approx. 200 exterior metal halide lights with LEDs	\$220,657.00	80.76%	176930	0	0	\$24,770.20		0.00	0.10	199.00	0.00	1.15	286	122.0022584	27.95494	\$42,463.20	10/28/2014

Feather River Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Feather River Community College District	Feather River College	FEATHE-1314-001-01	2013-2014	Install LED fixtures in gym	\$16,940.00	69.75%	34159	4.199999809	0	\$5,123.85		0.00	0.00	0.00	0.00	0.00	317	23.55437261	5.397122	\$5,123.85	12/1/2014

Foothill-DeAnza Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Foothill-DeAnza Community College District	Foothill College	FOOTH-1314-001-02	2013-2014	ASHRAE Level 2 Energy Audit	\$100,000.00	100.00%	0	0	0	\$0.00		0.00	0.00	0.00	0.00	0.00	343	0	0	\$0.00	11/18/2014
Foothill-DeAnza Community College District	DeAnza College	FOOTH-1314-001-01	2013-2014	ASHRAE Level 2 Energy Audit	\$100,000.00	100.00%	0	0	0	\$0.00		0	0	0	0	0	343	0	0	\$0.00	11/18/2014

Grossmont-Cuyamaca Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Grossmont-Cuyamaca Community College District	Cuyamaca College	GROSSM-1314-001-03	2013-2014	Parking Lot Lighting Replacement	\$125,060.00	92.11%	10038	0	0	\$1,706.46		0.02	0.16	331.00	50.00	1.91	360	6.921712938	1.586004	\$4,190.00	12/5/2014
Grossmont-Cuyamaca Community College District	Cuyamaca College	GROSSM-1314-001-06	2013-2014	Replace interior 32WT8 lighting fixtures to 25W - 3500 Lamps	\$40,032.00	74.35%	111288	26.44000053	0	\$18,918.96		0.01	0.05	97	15	0.56	360	76.73875169	17.583504	\$10,267.00	12/5/2014
Grossmont-Cuyamaca Community College District	Grossmont College	GROSSM-1314-001-05	2013-2014	Replace interior 32WT8 lighting fixtures to 25W - 3500 Lamps	\$40,032.00	77.73%	96629	22.95999908	0	\$16,426.93		0.01	0.05	112.00	17.00	0.65	360	66.63062358	15.267382	\$8,914.80	12/5/2014
Grossmont-Cuyamaca Community College District	Cuyamaca College	GROSSM-1314-001-04	2013-2014	Roadway Lighting Replacement	\$150,998.00	66.40%	16910	0	0	\$2,874.70		0.03	0.19	394.00	60.00	2.27	360	11.66030741	2.67178	\$6,660.00	12/5/2014
Grossmont-Cuyamaca Community College District	Grossmont College	GROSSM-1314-001-02	2013-2014	Parking Lot Lighting Replacement	\$126,805.00	91.52%	18676	0	0	\$3,174.92		0.24	0.16	327.00	499.99	1.89	360	12.87805448	2.950808	\$10,750.00	12/5/2014
Grossmont-Cuyamaca Community College District	Grossmont College	GROSSM-1314-001-01	2013-2014	Walkway Lighting Replacement	\$390,853.00	56.92%	29738	0	0	\$5,055.46		0.07	0.49	1,021.00	155.00	5.89	360	20.50586764	4.698604	\$11,900.00	12/5/2014

Hartnell Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Hartnell Community College District	Hartnell College	HARTNE-1314-001-01	2013-2014	Bldg. Exterior & Area LED Lighting Retrofits	\$332,273.72	71.18%	132360	0	0	\$15,883.20		0.00	0.35	723.00	0.00	4.17	407	91.26897036	20.91288	\$31,766.40	3/27/2015

Imperial Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Imperial Community College District	Imperial Valley College	IMPERI-1314-001-02	2013-2014	Library Boiler Replacement (SCG Express Rebate)	\$65,500.00	49.84%	0	0	678	\$481.38		0.13	0.02	34.98	279.75	0.20	391	3.594756	0.92886	\$1,596.00	1/5/2015
Imperial Community College District	Imperial Valley College	IMPERI-1314-001-03	2013-2014	Pool Heater Replacement (SCG Express Rebate)	\$76,500.00	47.56%	0	0	4761	\$3,380.31		0.13	0.02	34.98	279.75	0.2	391	25.242822	6.52257	\$4,140.00	1/5/2015
Imperial Community College District	Imperial Valley College	IMPERI-1314-001-01	2013-2014	Gym Boiler Replacement (SCG Express Rebate)	\$178,000.00	92.13%	0	0	5950	\$4,212.60		0.27	0.03	69.96	559.50	0.40	391	31.5469	8.1515	\$14,000.00	1/5/2015



Kern Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Kern Community College District	Cerro Coso Community College	KERNCO-1314-001-01	2013-2014	HVAC Upgrade for Chillers and VFD	\$321,200.00	38.60%	122732	37.69999695	0	\$16,568.82		0.00	0.89	1,847.00	0.00	10.66	270	84.62997333	19.391656	\$29,455.68	8/7/2014
Kern Community College District	Bakersfield College	KERNCO-1314-003-01	2013-2014	Replace Exterior Lighting w LEDs	\$527,397.01	82.98%	232627	0	0	\$27,915.24		0	0.18	366.08	0	2.11	296	160.4081805	36.755066	\$55,830.48	9/2/2014
Kern Community College District	Porterville College	KERNCO-1314-002-01	2013-2014	Exterior Lighting Retrofit	\$97,449.51	99.60%	53981	0	0	\$7,287.44		0.06	0.08	161.00	133.00	0.93	240	37.22265253	8.528998	\$389.76	8/7/2014

Lake Tahoe Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Lake Tahoe Community College District	Lake Tahoe Community College	LAKETA-1314-001-01	2013-2014	Parking Lot Exterior Lighting Retrofit	\$45,598.80	80.59%	10373	2.5	0	\$1,141.03		0.00	0.02	41.60	0.00	0.24	225	7.152712523	1.638934	\$1,556.00	10/21/2014
Lake Tahoe Community College District	Lake Tahoe Community College	LAKETA-1314-001-03	2013-2014	Gym HID Lighting Upgrade	\$28,392.12	56.60%	42993	12	0	\$4,729.23		0	0.02	41.6	0	0.24	225	29.64586614	6.792894	\$6,448.95	10/21/2014
Lake Tahoe Community College District	Lake Tahoe Community College	LAKETA-1314-001-02	2013-2014	Campus-wide Interior Lighting Retrofit	\$2,160.00	6.71%	26868	0	0	\$2,955.48		0.00	0.04	90.50	0.00	0.52	225	18.52685627	4.245144	\$2,015.00	10/21/2014

Long Beach Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Long Beach Community College District	Long Beach City College	LONGBE-1314-001-05	2013-2014	Critical Zone Reset - Fan static pressure reset	\$515,296.00	42.08%	713908	155	0	\$92,808.04		0.00	0.62	1,297.00	8.00	7.48	372	492.2759753	112.797464	\$171,337.92	10/17/2014
Long Beach Community College District	Long Beach City College	LONGBE-1314-001-01	2013-2014	Condenser Water Pump VFD	\$67,500.00	42.08%	125547	51	0	\$16,321.11		0	0.08	170	1	0.98	372	86.5710594	19.836426	\$30,759.00	10/17/2014
Long Beach Community College District	Long Beach City College	LONGBE-1314-001-02	2013-2014	Chilled Water Supply Reset	\$62,700.00	42.08%	42802	24	0	\$5,564.26		0.00	0.08	158.00	1.00	0.91	372	29.5141619	6.762716	\$10,272.48	10/17/2014
Long Beach Community College District	Long Beach City College	LONGBE-1314-001-03	2013-2014	Condenser Water Reset	\$24,987.00	42.08%	0	0	0	\$0.00		0.00	0.03	63.00	0.00	0.36	372	0	0	\$0.00	10/17/2014
Long Beach Community College District	Long Beach City College	LONGBE-1314-001-04	2013-2014	Cooling Tower Optimization - Variable speed chiller plant optimization	\$941,772.00	42.08%	242740	112	0	\$31,556.20		0.01	1.14	2,370.00	14.00	13.68	372	167.3816097	38.35292	\$58,257.60	10/17/2014
Long Beach Community College District	Long Beach City College	LONGBE-1314-001-06	2013-2014	Optimum Start-Stop EMS Control	\$67,854.00	42.08%	12322	48	0	\$1,601.86		0.00	0.09	187.20	0.00	1.08	372	8.496647422	1.946876	\$2,957.28	10/17/2014

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Los Angeles Community College District	Los Angeles Valley College	LOSANG-1314-021-02	2013-2014	Outdoor Pool Cover Installation (x2)	\$27,878.97	63.41%	0	0	10200	\$7,140.00		0.00	0.00	0.00	0.00	0.00	265	54.0804	13.974	\$10,200.00	11/7/2014
Los Angeles Community College District	East Los Angeles College	LOSANG-1314-021-01	2013-2014	Indoor Pool Cover Installation (x2)	\$62,239.00	70.73%	0	0	18220	\$12,754.00		0	0	0	0	0	270	96.60244	24.9614	\$18,220.00	11/11/2014

Marin Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Marin Community College District	College of Marin - Indian Valley Campus	MARINC-1314-001-01	2013-2014	Addition of Pool Cover	\$83,390.00	22.42%	0	0	64697	\$51,757.60		0.00	0.01	15.00	0.00	0.09	468	343.023494	88.63489	\$64,697.00	1/21/2015
Marin Community College District	College of Marin - Indian Valley Campus	MARINC-1314-001-02	2013-2014	VFD on 50 hp Pool Pump	\$50,595.00	32.28%	142757	0	0	\$17,130.84		0	0.02	47.25	0	0.27	468	98.43823211	22.555606	\$34,261.68	1/21/2015

Mt. San Antonio Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Mt. San Antonio Community College District	Mt. San Antonio College	MTSACC-1314-001-03	2013-2014	Central Plant Tie-in - Bldg 2- ELECTRIC	\$2,712,774.00	37.61%	801941	75	0	\$104,252.33		0.46	0.97	2,013.50	955.00	11.62	515	552.9792185	126.706678	\$192,465.84	4/9/2015

North Orange County Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
North Orange County Community College District	Fullerton College	NORANG-1314-001-01	2013-2014	Exterior Lighting Retrofit	\$162,090.00	87.18%	86584	0	0	\$11,255.92		0.00	0.03	64.00	0.00	0.37	411	59.70408378	13.680272	\$20,780.16	11/25/2014
North Orange County Community College District	Cypress College	NORANG-1314-001-04	2013-2014	Hallway & Common Space LED Lighting Retrofit & Controls	\$367,440.76	70.83%	446540	161.5	0	\$58,050.20		0.06	0.45	936	127	5.4	400	307.9121035	70.55332	\$107,169.60	11/14/2014
North Orange County Community College District	Cypress College	NORANG-1314-001-05	2013-2014	Interior Lighting Retrofit	\$500,000.00	70.83%	607641	219.5	0	\$78,993.33		0.08	0.61	1,260.00	170.00	7.27	400	418.9994592	96.007278	\$145,833.84	11/14/2014
North Orange County Community College District	Fullerton College	NORANG-1314-001-02	2013-2014	Interior Lighting Retrofit	\$106,548.00	92.06%	35245	13.08000088	0	\$4,581.85		0.00	0.10	210.00	0.00	1.21	407	24.303225	5.56871	\$8,458.80	11/21/2014
North Orange County Community College District	Fullerton College	NORANG-1314-001-03	2013-2014	VFD Installation on 4 Chiller Compressors	\$132,800.00	70.68%	162237	88.69995117	0	\$21,090.81		0.00	0.12	239.50	0.00	1.38	435	111.8706856	25.633446	\$38,936.88	12/19/2014

Ohlone Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Ohlone Community College District	Ohlone College	OHLONE-1314-001-03	2013-2014	Bldg 5, 6, and 9 Exterior LED	\$58,560.09	38.74%	11423	0	0	\$1,370.76		0.01	0.05	95.00	24.00	0.55	264	7.876741073	1.804834	\$2,741.52	11/4/2014
Ohlone Community College District	Ohlone College	OHLONE-1314-001-01	2013-2014	Gym Lighting	\$138,141.76	86.33%	47064	17.59999847	-471	\$5,270.88		0.04	0.04	83	77.5	0.48	264	29.95578626	6.790842	\$12,237.00	11/4/2014
Ohlone Community College District	Ohlone College	OHLONE-1314-001-02	2013-2014	LED Streetlighting	\$122,525.73	81.85%	83968	0	0	\$10,076.16		0.00	0.04	75.00	0.00	0.43	264	57.90021837	13.266944	\$17,475.84	11/4/2014
Ohlone Community College District	Ohlone College	OHLONE-1314-001-04	2013-2014	Pool Area Lighting Retrofit	\$40,841.92	91.97%	1955	0	0	\$234.60		0.00	0.01	25.00	0.00	0.14	264	1.348072205	0.30889	\$469.20	11/4/2014



Palo Verde Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Palo Verde Community College District	Palo Verde College	PALOVE-1314-001-01	2013-2014	Exterior Lighting Retrofit	\$101,920.00	63.85%	99517	0	0	\$12,937.21		0.05	0.01	13.75	110.00	0.08	301	68.62204687	15.723686	\$23,884.08	10/7/2014

Pasadena Area Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Pasadena Area Community College District	Pasadena City College	PASADE-1314-001-02	2013-2014	VFD Installation for AHU and Controls Upgrade	\$104,121.66	64.69%	245102	17.79998779	2191	\$38,299.00		0.00	0.15	304.00	0.00	1.75	547	180.6270112	41.727786	\$36,765.30	8/14/2015
Pasadena Area Community College District	Pasadena City College	PASADE-1314-001-01	2013-2014	HVAC Controls Retrofit / Upgrade	\$104,121.66	37.34%	37641		0	\$5,969.55		0	1.02	2,123.00	0	12.25	547	28.40491319	6.580218	\$5,646.15	8/14/2015
Pasadena Area Community College District	Pasadena City College	PASADE-1314-001-05	2013-2014	Central Plant-CHW Pump Controls Upgrade	\$181,334.00	2.21%	54153		0	\$8,122.95		0.00	0.02	40.00	0.00	0.23	547	37.3412553	8.556174	\$8,122.95	8/14/2015
Pasadena Area Community College District	Pasadena City College	PASADE-1314-001-03	2013-2014	C Bldg- Controls Upgrade/ Economizer RCx	\$208,243.33	5.98%	30542	2.899993896	473	\$4,912.40		0.00	0.09	192.00	0.00	1.11	547	23.56811264	5.473646	\$4,581.30	8/14/2015
Pasadena Area Community College District	Pasadena City College	PASADE-1314-001-06	2013-2014	Central Plant- Cooling Tower Replacement & Controls	\$992,158.50	53.92%	78921	0.660000026	0	\$11,838.15		0.00	0.06	120.00	0.00	0.69	547	54.42005447	12.469518	\$18,941.04	8/14/2015
Pasadena Area Community College District	Pasadena City College	PASADE-1314-001-04	2013-2014	Child Ed Center - Controls Upgrade/ Economizer RCx	\$208,243.33	48.16%	237630	31.6000061	2248	\$37,218.10		0.00	0.03	72.00	0.00	0.42	547	175.7769001	40.6253	\$35,644.50	8/14/2015

Rancho Santiago Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Rancho Santiago Community College District	Santa Ana College	RANCHO-1314-001-01	2013-2014	Campus-wide Exterior Lighting Retrofit	\$190,313.00	56.19%	347418	0	0	\$45,164.34		0.00	0.25	528.00	0.00	3.05	260	239.5624293	54.892044	\$83,380.32	8/27/2014
Rancho Santiago Community College District	Santa Ana College	RANCHO-1314-001-02	2013-2014	Campus-wide Interior Lighting Retrofit	\$892,687.22	79.09%	614324	209.019989	0	\$79,862.12		0	0.14	296.81	0	1.71	328	423.6077285	97.063192	\$125,002.56	11/3/2014
Rancho Santiago Community College District	Santiago Canyon College	RANCHO-1314-001-03	2013-2014	RCx at Science Building	\$492,833.00	41.51%	383323	0.400000006	20686	\$62,243.59		0.08	0.49	1,018.50	162.00	5.88	330	373.99793	88.904854	\$112,684.00	11/5/2014

Riverside Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Riverside Community College District	Riverside City College	RIVERS-1314-001-03	2013-2014	HVAC Schedule Reduction	\$110,734.00	95.02%	110373		0	\$14,348.49		0.00	0.00	0.00	0.00	0.00	554	76.10781252	17.438934	\$5,519.00	8/21/2015
Riverside Community College District	Moreno Valley Campus	RIVERS-1314-007-01	2013-2014	Exterior Lighting Retrofit	\$218,220.00	90.01%	142640		0	\$11,553.84		0	0.1	216	0	1.25	490	98.35755464	22.53712	\$21,799.44	7/17/2015
Riverside Community College District	Riverside City College	RIVERS-1314-001-04	2013-2014	Exterior Lighting Phase 1	\$98,043.00	84.18%	258465		0	\$33,600.45		0.00	0.03	72.00	0.00	0.42	347	178.2247992	40.83747	\$15,508.00	1/26/2015
Riverside Community College District	Riverside Community College - Norco Campus	RIVERS-1314-007-02	2013-2014	Exterior Lighting Retrofit	\$197,046.00	89.52%	112441		0	\$9,107.72		0.01	0.10	198.00	24.75	1.14	490	77.53380399	17.765678	\$20,640.48	7/17/2015
Riverside Community College District	Riverside City College	RIVERS-1314-001-02	2013-2014	VFD Installation	\$26,745.00	86.80%	70611		8	\$9,179.43		0.01	0.01	25.00	13.00	0.14	554	48.68988566	11.156538	\$3,531.00	8/21/2015
Riverside Community College District	Riverside City College	RIVERS-1314-001-01	2013-2014	Chiller Replacement	\$243,303.00	92.60%	76377	21.70000076		\$9,929.01		0.12	0.22	459.50	250.50	2.65	554	52.66583673	12.067566	\$18,000.00	8/21/2015

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San Bernardino Community College District	San Bernardino Valley College	SANBER-1314-001-03	2013-2014	Lighting control panels / lighting control upgrades for various buildings and external areas	\$68,074.00	50.00%	329308	0	0	\$42,810.04		0.00	0.09	183.00	0.00	1.06	280	227.0746607	52.030664	\$34,037.00	10/22/2014
San Bernardino Community College District	San Bernardino Valley College	SANBER-1314-001-02	2013-2014	Replace HHW pump motor to premium efficiency and add VFD	\$10,897.00	49.39%	6290	1	0	\$817.70		0	0.01	21	0	0.12	244	4.33727579	0.99382	\$1,510.00	9/16/2014
San Bernardino Community College District	San Bernardino District Office	SANBER-1314-001-01	2013-2014	Retrofit parking lot and site lighting to LED fixtures	\$489,728.00	68.36%	270330	0	0	\$35,142.90		0.00	0.33	686.50	0.00	3.96	244	186.4063218	42.71214	\$109,875.72	9/16/2014

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San Joaquin Delta Community College District	San Joaquin Delta College	SANJOA-1314-001-01	2013-2014	Exterior Lighting Retrofit	\$848,463.77	64.71%	569928	0	0	\$48,443.88		0.46	0.46	953.50	951.00	5.50	374	392.9944223	90.048624	\$136,783.00	11/19/2014

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San Jose/Evergreen Community College District	San Jose City College	SANJOS-1314-001-01	2013-2014	Year 1 Exterior HID to LED - SJCC	\$242,963.68	89.74%	79706	0	0	\$7,492.36		0.06	0.11	235.00	120.00	1.36	342	54.96135201	12.593548	\$15,348.48	11/17/2014
San Jose/Evergreen Community College District	Evergreen Valley College	SANJOS-1314-001-03	2013-2014	Year 1 Exterior HID to LED - EVC	\$471,188.32	56.78%	290059	0	0	\$26,105.31		0.09	0.14	300	180	1.73	342	200.0104735	45.829322	\$55,854.72	11/17/2014

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San Luis Obispo County Community College District	Cuesta College	SANLUI-1314-001-01	2013-2014	Retrofit exterior pole and flood lighting from HPS/halogen to LED	\$315,315.00	90.33%	126996	0	0	\$15,239.52		0.00	0.08	161.00	0.00	0.93	332	87.5702188	20.065368	\$30,479.04	9/29/2015
San Luis Obispo County Community College District	Cuesta College - North County Campus	SANLUI-1415-002-01	2014-2015	Exterior Site Lighting Retrofit	\$67,322.00	89.93%	32132	0	0	\$4,016.50		0.01	0.03	62.50	11.00	0.36	446	22.15665273	5.076856	\$6,781.20	8/26/2015
San Luis Obispo County Community College District	Cuesta College	SANLUI-1415-001-02	2014-2015	Gym Lighting Retrofit	\$60,800.00	68.76%	102819	27	-834	\$14,683.68		0.02	0.14	298.5	32	1.72	383	66.47707627	15.102822	\$15,664.80	8/26/2015
San Luis Obispo County Community College District	Cuesta College	SANLUI-1415-001-01	2014-2015	Exterior Site Lighting Retrofit	\$14,778.00	90.75%	6560	0	0	\$531.36		0.00	0.01	24.00	8.00	0.14	383	4.52345456	1.03648	\$1,366.80	12/13/2014
San Luis Obispo County Community College District	Cuesta College - North County Campus	SANLUI-1415-002-02	2014-2015	Low-Load Chiller	\$234,923.40	63.06%	71149	7	0	\$9,391.67		0.06	0.22	460.00	118.00	2.65	446	49.0608641	11.241542	\$17,075.76	9/29/2015



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Santa Barbara Community College District	Santa Barbara City College	SANTAB-1314-007-01	2013-2014	LED Interior Lighting Retrofit & Controls	\$556,058.00	87.71%	284810	75.41000366	0	\$37,025.30		0.17	0.23	470.00	354.99	2.71	270	196.3910203	44.99998	\$68,354.40	12/9/2014

Santa Monica Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Santa Monica Community College District	Santa Monica College	SANTAM-1314-001-02	2013-2014	Exhaust Fan VFD Retrofit	\$617,655.00	84.07%	320994	12.79999924	0	\$41,729.22		0.10	0.15	305.50	209.00	1.76	224	221.3417337	50.717052	\$65,496.48	8/27/2014
Santa Monica Community College District	Santa Monica College	SANTAM-1314-001-03	2013-2014	Library Boiler Replacement (SCG Express Rebate)	\$211,457.00	83.96%	0	0	6014	\$4,209.80		0	0.08	173	0	1	267	31.886228	8.23918	\$12,180.00	10/9/2014
Santa Monica Community College District	Santa Monica College	SANTAM-1314-001-01	2013-2014	Interior and Exterior Lighting Retrofit	\$59,461.00	84.07%	26105	3.200000048	0	\$3,393.65		0.00	0.06	126.00	0.00	0.73	224	18.00072886	4.12459	\$6,265.20	8/27/2014

Sequoias Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Sequoias Community College District	College of the Sequoias - Visalia Campus	SEQUOI-1314-001-01	2013-2014	Exterior Lighting Retrofit	\$312,241.08	87.91%	157310	0	0	\$20,450.30		0.03	0.04	73.00	60.00	0.42	411	108.4732678	24.85498	\$37,754.40	11/25/2014
Sequoias Community College District	College of the Sequoias - Visalia Campus	SEQUOI-1314-001-02	2013-2014	Pool Cover Installation	\$12,750.00	20.00%	0	0	24900	\$19,920.00		0	0	0	0	0	411	132.0198	34.113	\$10,200.03	11/25/2014

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Shasta-Tehama-Trinity Joint Community College District	Shasta College	SHASTA-1314-001-01	2013-2014	Replace exterior HID fixtures with LED	\$277,000.00	90.63%	110400	0	0	\$11,040.00		0.08	0.09	179.00	163.00	1.03	373	76.1264304	17.4432	\$25,963.20	12/18/2014

Sierra Joint Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Sierra Joint Community College District	Sierra College - Nevada County Campus	SIERRA-1314-001-02	2013-2014	Replace existing HID lighting with LED lighting	\$192,500.00	89.74%	43105	0	0	\$5,172.60		0.03	0.11	219.25	54.50	1.27	365	29.72309586	6.81059	\$12,933.00	1/15/2015
Sierra Joint Community College District	Sierra College	SIERRA-1314-001-01	2013-2014	Replace existing HID lighting with LED lighting	\$318,736.21	83.89%	213972	0	0	\$25,676.64		0.09	0.34	707	181	4.08	365	147.5446066	33.807576	\$48,765.50	1/15/2015
Sierra Joint Community College District	Sierra College	SIERRA-1314-001-03	2013-2014	AHU VFD - MULTIYEAR PROJECT	\$336,000.00	81.79%	319258	103.8000031	3810	\$41,358.96		0.15	0.36	759.00	317.00	4.38	326	240.3452932	55.662464	\$59,015.80	6/1/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Sonoma County Community College District	Santa Rosa Junior College	SONOMA-1314-001-01	2013-2014	Replace 100 W metal halide fixtures with LED fixtures	\$190,000.00	55.40%	353116	38.77000046	0	\$49,436.24		0.03	0.17	348.00	56.00	2.01	335	243.4914909	55.792328	\$84,747.84	12/16/2014
Sonoma County Community College District	Santa Rosa Junior College	SONOMA-1314-001-02	2013-2014	Replace high pressure sodium fixtures with LED fixtures	\$171,521.00	95.20%	34276	0	0	\$4,798.64		0.05	0.18	371	104	2.14	335	23.63505008	5.415608	\$8,226.24	12/16/2014
Sonoma County Community College District	Santa Rosa Junior College	SONOMA-1314-002-01	2013-2014	Install controls and VSDs on pool pump motors, high efficiency motors	\$66,290.00	37.79%	171821	14.68999958	0	\$22,336.73		0.00	0.14	300.00	0.00	1.73	380	118.4793424	27.147718	\$41,237.04	11/25/2014

South Orange County Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
South Orange County Community College District	Irvine Valley College	SOUTH0-1314-005-02	2013-2014	Exterior Lighting & Controls Retrofit - Phase 2	\$158,960.50	91.43%	56750	0	0	\$7,377.50		0.00	0.03	59.00	0.00	0.34	297	39.13201925	8.9665	\$13,620.00	1/5/2015
South Orange County Community College District	Irvine Valley College	SOUTH0-1314-005-01	2013-2014	Exterior Lighting Retrofit - Phase 1	\$1,306,915.00	65.77%	480025	0	0	\$62,403.25		0	1.35	2,814.00	0	16.24	297	331.0017188	75.84395	\$115,206.00	1/5/2015

State Center Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
State Center Community College District	Madera Center	STATEC-1314-001-03	2013-2014	Exterior Lighting Retrofit	\$68,857.60	93.97%	17301	0	0	\$2,595.15		0.05	0.19	391.82	105.82	2.26	325	11.92992185	2.733558	\$4,152.24	10/31/2014
State Center Community College District	Oakhurst Center	STATEC-1314-001-04	2013-2014	Exterior Lighting Retrofit	\$18,170.75	86.78%	10011	0	0	\$1,501.65		0.05	0.19	391.82	105.82	2.26	325	6.903095061	1.581738	\$2,402.64	10/31/2014
State Center Community College District	Willow International	STATEC-1314-001-06	2013-2014	Exterior Lighting Retrofit	\$87,984.71	90.62%	23268	0	0	\$3,490.20		0.05	0.19	391.82	105.82	2.26	325	16.04447267	3.676344	\$5,584.32	10/31/2014
State Center Community College District	Reedley College	STATEC-1314-001-05	2013-2014	Exterior Lighting Retrofit	\$251,799.52	89.77%	146506	0	0	\$21,975.90		0.05	0.19	391.82	105.82	2.26	325	101.0233588	23.147948	\$25,763.28	10/31/2014
State Center Community College District	State Center District Office	STATEC-1314-001-02	2013-2014	Exterior Lighting Retrofit	\$712,811.82	73.65%	346072	0	0	\$51,910.80		0.05	0.19	391.82	105.82	2.26	325	238.6342937	54.679376	\$61,331.28	10/31/2014
State Center Community College District	Career and Technology Center	STATEC-1314-001-01	2013-2014	Exterior Lighting Retrofit	\$15,301.69	75.38%	15696	0	0	\$2,354.40		0.05	0.19	391.82	105.82	2.26	325	10.8231925	2.479968	\$3,767.04	10/31/2014



Ventura County Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Ventura County Community College District	Moorpark College	VENTUR-1314-001-01	2013-2014	Exterior Lighting Retrofit Phase 1	\$291,523.00	81.93%	219508	0	0	\$28,536.04		0.00	0.08	170.00	0.00	0.98	294	151.3619609	34.682264	\$52,681.92	9/30/2014
Ventura County Community College District	Ventura College	VENTUR-1314-001-02	2013-2014	Exterior Lighting Retrofit Phase 1	\$320,281.00	83.10%	225532	0	0	\$29,319.16			0.08	170		0.98	294	155.5158161	35.634056	\$54,127.68	9/30/2014
Ventura County Community College District	Oxnard College	VENTUR-1314-001-03	2013-2014	Exterior Lighting Retrofit Phase 1	\$251,496.00	70.13%	312975	0	0	\$40,686.75		0.00	0.11	236.00	0.00	1.36	294	215.8122242	49.45005	\$75,114.00	9/30/2014

Victor Valley Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Victor Valley Community College District	Victor Valley College	VICTOR-1314-001-01	2013-2014	VFDs on HVAC Units	\$287,374.47	89.56%	143950	10.70000076	0	\$20,153.00		0.10	0.20	412.00	201.00	2.38	291	99.26086645	22.7441	\$30,006.72	12/1/2014
Victor Valley Community College District	Victor Valley College	VICTOR-1415-001-01	2014-2015	Bldg 30, 31, 32 - CAV to VAV Upgrade	\$268,161.00	89.26%	119950	0	15167	\$23,811.40		0.01	0.02	51.5	25.13	0.3	291	163.1270765	39.73089	\$28,788.00	5/26/2015

West Valley-Mission Community College District

Date Generated: 10/16/2015

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
West Valley-Mission Community College District	West Valley College	WESTVA-1314-001-03	2013-2014	PE Building 25W T8s and Occupancy Sensors	\$99,961.00	85.16%	68516	8	0	\$8,927.63		0.00	0.23	480.48	0.00	2.77	354	47.24527632	10.825528	\$14,834.06	12/29/2014
West Valley-Mission Community College District	West Valley College	WESTVA-1314-001-01	2013-2014	Parking Lot and Outside Fixtures LEDs (Occupancy Sensors Not Included)	\$604,868.00	78.50%	139796	0	0	\$18,215.42		0.32	1.13	2,346.24	658.32	13.54	384	96.3964716	22.087768	\$12,963.94	2/3/2015
West Valley-Mission Community College District	West Valley College	WESTVA-1314-001-02	2013-2014	Covered Walkways LEDs	\$67,207.52	32.67%	16556	0	0	\$2,157.25		0.03	0.11	234.62	65.83	1.35	348	11.41620636	2.615848	\$0.00	12/29/2014

Yosemite Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Yosemite Community College District	Modesto Junior College	YOSEMI-1314-001-01	2013-2014	Lighting Retrofit of Selected Buildings and Areas on East Campus	\$528,387.00	100.00%	381687	61.40000153	0	\$57,253.05		0.00	0.72	1,491.00	0.00	8.60	465	263.1926525	60.306546	\$0.00	6/18/2015
Yosemite Community College District	Modesto Junior College	YOSEMI-1314-001-02	2013-2014	Lighting Retrofit of Selected Buildings and Areas on West Campus	\$92,140.00	46.79%	43865	10.52000046	0	\$6,579.75		0	0.13	260.00	0	1.5	465	30.24715462	6.93067	\$0.00	6/18/2015

Yuba Community College District

Date Generated: #####

District	Campus	ID	Project Fiscal Year	Project Name	Verified Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Verified Prop 39 kWh Svgs	Verified Prop 39 kW Svgs	Verified Prop 39 th Svgs	Verified Annual Energy Cost Savings	Nameplate Rating for Self- Generation	Verified Trainee Job Years (FTEs)	Verified Direct Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job- Hours	Avg Number of FTE Months	Time From Award to Close-Out	Verified GHG Reduction (tons-CO2)	Number of Homes Powered	Verified Incentive	Closed Out (Date)
Yuba Community College District	Yuba College	YUBACO-1415-001-03	2014-2015	Lighting Occupancy Sensors	\$54,575.00	64.75%	80153	0	0	\$7,213.77		0.00	0.03	54.00	0.00	0.31	260	55.2695813	12.664174	\$19,236.72	3/27/2015
Yuba Community College District	Yuba College	YUBACO-1415-001-01	2014-2015	EMS for Bldg 800	\$45,966.00	84.86%	20646	8.100000381	1522	\$4,933.88		0	0.07	141.00	0	0.81	260	22.30611395	5.347208	\$6,958.04	3/27/2015
Yuba Community College District	Yuba College	YUBACO-1415-001-02	2014-2015	EMS for Bldg 700	\$45,966.00	90.69%	4884	3.5	699	\$1,438.32		0.00	0.07	141.00	0.00	0.81	260	7.073865084	1.729302	\$1,871.16	3/27/2015

## Proposition 39

In-progress Project Data

District	No. of Projects In- Progress	Current Prop 39 Total Project Cost	Prop 39 Funding % of Total Cost	Current Prop 39 kWh Svgs	Current Prop 39 kW Svgs	Current Prop 39 th Svgs	Current Annual Energy Cost Savings	Nameplate Rating (Self-Gen)	Current Direct Job Years (FTEs)	Current Trainee Job Years (FTEs)	Direct Job- Hours	First Year Apprentice Direct Job-Hours	Calculated Direct Construction Job Years (FTEs)	Calculated Trainee Construction Job Years (FTEs)	Calculated Direct Construction Job- Hours	Calculated First Year Apprentice Direct Construction Job-Hours	Avg Number of FTE Months	Current GHG Reduction (tons-CO2)	Number of Homes Powered	Current Incentive	Notes
Allan Hancock Joint Community College District	9	\$457,657	90%	302,139	-	444	\$36,735		2.56	0.07	7052.60	195.91	0.38	0.10	1039.43	288.79	0.02	211	48	\$40,680	
Antelope Valley Community College District	2	\$363,417	90%	94,400	-	0	\$12,272		2.04	0.06	4233.08	117.59	0.30	0.08	623.88	173.34	0.08	65	15	\$22,656	
Barstow Community College District	1	\$124,050	59%	34,852	9		\$5,228		0.69	0.02	1444.93	40.14	0.10	0.03	212.96	59.17	0.06	24	6	\$6,387	
Butte-Glenn Community College District	3	\$1,631,375	38%	732,961	-	8,686	\$82,881		7.46	0.21	15507.85	430.77	1.10	0.31	2285.60	635.02	0.21	551	128	\$118,623	
Cabrillo Community College District	2	\$558,286	80%	113,718	-	9,972	\$14,840		2.81	0.08	5851.18	162.53	0.41	0.12	862.37	239.60	0.12	131	32	\$92,800	
Cerritos Community College District	5	\$1,199,771	86%	675,333	58	10,823	\$80,433		6.72	0.19	13974.93	388.19	0.99	0.28	2059.67	572.25	0.11	523	122	\$132,999	
Chabot-Las Positas Community College District	11	\$2,529,330	60%	1,587,978	191	(33)	\$192,831		14.16	0.39	29529.08	820.25	2.09	0.58	4352.09	1209.17	0.11	1095	251	\$192,704	
Chaffey Community College District	6	\$982,250	87%	260,503	5	8,896	\$37,605		5.50	0.15	11441.25	317.81	0.81	0.23	1686.25	468.50	0.08	227	53	\$79,083	
Citrus Community College District	4	\$363,010	90%	164,283	1		\$21,357		2.03	0.06	4228.34	117.45	0.30	0.08	623.19	173.14	0.04	113	26	\$36,231	
Coast Community College District	7	\$2,292,965	73%	1,573,418	54	5,100	\$141,508		12.84	0.36	26708.46	741.90	1.89	0.53	3936.38	1093.67	0.15	1112	256	\$369,316	
Compton Community College District	2	\$338,679	96%	146,223	53	3,880	\$22,113		1.90	0.05	3944.93	109.58	0.28	0.08	581.42	161.54	0.08	121	28	\$15,056	
Contra Costa Community College District	19	\$3,276,479	74%	1,043,630	165	26,698	\$165,766		18.35	0.51	38164.43	1060.12	2.70	0.75	5624.79	1562.77	0.08	861	201	\$143,723	
Copper Mountain Community College District	3	\$251,655	56%	127,861	12	0	\$17,535		1.41	0.04	1528.93	38.03	0.21	0.06	225.34	56.06	0.04	88	20	\$25,878	
Desert Community College District	6	\$878,970	67%	912,253	17	4,588	\$87,606		4.92	0.14	4794.19	369.16	0.73	0.20	706.58	544.20	0.07	653	150	\$223,529	
El Camino Community College District	2	\$757,913	92%	231,746	-	1,587	\$33,714		4.24	0.12	1034.38	210.38	0.63	0.17	152.45	310.12	0.18	168	39	\$57,079	
Feather River Community College District	4	\$68,078	100%	(14,057)	-	9,015	\$22,594		0.36	0.01	749.29	20.81	0.05	0.01	110.43	30.68	0.01	38	10	\$0	
Foothill-DeAnza Community College District	8	\$2,027,029	77%	272,599	34	69,758	\$83,422		11.35	0.32	23610.84	655.86	1.67	0.46	3479.84	966.82	0.12	558	139	\$113,892	
Gavilan Community College District	7	\$344,187	94%	149,118	9	0	\$20,283		1.93	0.05	1804.30	50.12	0.28	0.08	265.92	73.88	0.02	103	24	\$22,337	
Glendale Community College District	13	\$1,296,339	73%	975,100	46	27,377	\$152,073		7.26	0.20	15099.76	419.44	1.07	0.30	2225.45	618.31	0.05	818	192	\$114,059	
Grossmont-Cuyamaca Community College District	15	\$1,972,460	52%	1,004,721	234	12,374	\$179,774		11.05	0.31	22975.21	638.20	1.63	0.45	3386.16	940.80	0.06	758	176	\$83,398	
Hartnell Community College District	1	\$400,000	100%	160,500	-	7,602	\$27,910		2.24	0.06	4659.20	129.42	0.33	0.09	686.69	190.79	0.19	151	36	\$0	
Imperial Community College District	6	\$467,693	83%	327,821	64	7,720	\$58,467		2.62	0.07	5447.69	151.32	0.39	0.11	802.90	223.07	0.04	267	62	\$60,543	
Kern Community College District	7	\$1,132,872	91%	635,941	43	0	\$74,854		6.34	0.18	13195.70	366.55	0.94	0.26	1944.82	540.34	0.08	439	100	\$73,755	
Lake Tahoe Community College District	4	\$52,503	91%	28,528	0	0	\$3,138		0.29	0.01	611.55	16.99	0.04	0.01	90.13	25.04	0.01	20	5	\$3,154	
Lassen Community College District	1	\$156,925	100%	0	-	7,351	\$9,630		0.88	0.02	1827.86	50.77	0.13	0.04	269.40	74.85	0.07	39	10	\$0	
Long Beach Community College District	6	\$1,059,166	90%	618,494	94	4,700	\$87,499		5.93	0.16	12337.16	342.70	0.87	0.24	1818.29	505.19	0.08	451	104	\$109,873	
Los Angeles Community College District	29	\$7,933,306	94%	2,765,145	16	79,541	\$425,618		44.43	1.23	92407.15	2566.87	6.55	1.82	13619.26	3783.92	0.13	2328	546	\$405,557	
Los Rios Community College District	31	\$4,379,402	99%	3,110,875	-	107,058	\$463,820		24.52	0.68	51011.28	1416.98	3.61	1.00	7518.20	2088.83	0.07	2713	638	\$50,077	
Marin Community College District	2	\$341,500	58%	11,536	-	3,855	\$4,468		1.91	0.05	2955.00	92.89	0.28	0.08	435.52	136.93	0.08	28	7	\$6,792	
Mendocino-Lake Community College District	8	\$202,831	87%	161,513	7	1,521	\$22,488		1.14	0.03	2014.05	53.11	0.17	0.05	296.84	78.30	0.01	119	28	\$24,787	
Merced Community College District	12	\$641,578	94%	304,982	43	17	\$37,213		3.59	0.10	7436.94	206.58	0.53	0.15	1096.08	304.53	0.02	210	48	\$26,740	
MiraCosta Community College District	6	\$747,882	90%	313,864	28	0	\$43,069		4.19	0.12	6475.13	170.28	0.62	0.17	954.33	251.02	0.06	216	50	\$71,451	
Monterey Peninsula Community College District	3	\$231,192	89%	126,988	-	0	\$18,753		1.29	0.04	3343.88	92.89	0.19	0.05	492.83	136.93	0.04	88	20	\$24,317	
Mt. San Antonio Community College District	1	\$4,997,069	35%	302,333	1,500	0	\$90,458		27.98	0.78	58205.86	1616.83	4.12	1.15	8578.56	2383.43	2.33	208	48	\$1,312,588	
Mt. San Jacinto Community College District	7	\$1,266,980	77%	600,157	69	0	\$78,020		7.10	0.20	11247.25	323.70	1.05	0.29	1657.66	477.18	0.08	414	95	\$142,356	
Napa Valley Community College District	4	\$362,309	81%	269,078	-	0	\$38,420		2.03	0.06	4220.17	117.23	0.30	0.08	621.98	172.81	0.04	186	43	\$63,265	
North Orange County Community College District	5	\$3,143,874	50%	867,729	105	14,433	\$138,564		17.61	0.49	36661.60	1018.39	2.59	0.72	5403.30	1501.24	0.29	675	157	\$143,149	
Ohlone Community College District	4	\$606,662	73%	554,465	13	0	\$53,802		3.40	0.09	7066.39	196.29	0.50	0.14	1041.47	289.36	0.07	382	88	\$105,091	
Palo Verde Community College District	2	\$196,069	46%	117,499	33	0	\$16,587		1.10	0.03	2283.81	63.44	0.16	0.04	336.60	93.52	0.05	81	19	\$28,199	
Palomar Community College District	7	\$3,148,706	38%	1,629,709	52	26,338	\$233,386		17.63	0.49	15937.19	2068.58	2.60	0.72	2348.87	3049.37	0.21	1263	294	\$403,792	
Pasadena Area Community College District	4	\$1,658,700	75%	538,648	56	51,225	\$116,655		9.29	0.26	19320.54	536.68	1.37	0.38	2847.52	791.14	0.19	643	155	\$37,593	
Peralta Community College District	17	\$1,658,976	62%	1,502,007	185	46,000	\$242,839		9.29	0.26	20113.00	558.69	1.37	0.38	2964.32	823.59	0.05	1280	300	\$151,735	
Rancho Santiago Community College District	8	\$1,706,582	77%	1,507,126	368	0	\$242,654		9.56	0.27	11093.15	218.53	1.41	0.39	1634.94	322.15	0.10	1039	238	\$294,416	
Redwoods Community College District	3	\$466,066	77%	224,049	-	0	\$25,318		2.61	0.07	5428.73	150.80	0.38	0.11	800.10	222.30	0.07	154	35	\$53,772	
Rio Hondo Community College District	5	\$841,607	69%	817,543	5	0	\$106,281		4.71	0.13	824.24	235.42	0.69	0.19	121.48	347.05	0.08	564	129	\$180,334	
Riverside Community College District	6	\$1,074,836	78%	809,954	40	6,283	\$111,615		6.02	0.17	12519.69	347.77	0.89	0.25	1845.19	512.66	0.08	592	137	\$134,459	
San Bernardino Community College District	6	\$1,273,762	74%	840,981	26	25,452	\$115,138		7.13	0.20	13920.91	411.73	1.05	0.29	2051.71	606.95	0.10	715	168	\$128,654	
San Diego Community College District	42	\$2,908,188	90%	1,414,261	121	2,619	\$272,092		16.29	0.45	33874.57	940.96	2.40	0.67	4992.54	1387.11	0.03	989	227	\$295,754	
San Francisco Community College District	6	\$2,060,267	93%	839,040	165	182,385	\$143,116		11.54	0.32	23997.99	666.61	1.70	0.47	3536.90	982.68	0.16	1546	382	\$70,571	
San Joaquin Delta Community College District	5	\$569,865	77%	272,934	6	26,312	\$47,362		3.19	0.09	4832.35	134.23	0.47	0.13	712.21	197.88	0.05	328	79	\$55,466	
San Jose/Evergreen Community College District	5	\$353,070	95%	101,537	-	0	\$14,666		1.98	0.05	4112.56	114.24	0.29	0.08	606.12	168.40	0.03	70	16	\$16,406	
San Mateo County Community College District	6	\$6,011,338	29%	2,917,558	-	0	\$311,837		28.62	0.80	61010.52	1694.74	4.22	1.17	8991.92	2498.28	0.40	2012	461	\$986,423	
Santa Barbara Community College District	1	\$511,270	79%	193,008	30	0	\$25,091		2.86	0.08	5955.27	165.42	0.42	0.12	877.71	243.86	0.24	133	30	\$46,322	
Santa Clarita Community College District	2	\$1,373,854	85%	525,353	20	24,411	\$80,297		7.69	0.21	17250.19	479.17	1.13	0.32	2542.39	706.37	0.11	492	116	\$136,293	
Santa Monica Community College District	6	\$1,380,020	89%	411,690	101	19,889	\$88,225		7.73	0.21	16074.47	446.51	1.14	0.32	2369.11	658.22	0.32	389	92	\$95,544	
Sequoias Community College District	2	\$367,591	76%	227,623	0	0	\$29,591		2.06	0.06	4281.70	118.94	0.30	0.08	631.05	175.33	0.09	157	36	\$54,630	
Shasta-Tehama-Trinity Joint Community College District	2	\$624,835	64%	273,957	-	0	\$43,918		2.71	0.08	5036.94	137.14	0.40	0.11	742.36	202.16	0.11	189	43	\$0	
Sierra Joint Community College District	1	\$238,462	93%	133,011	28	0	\$22,612		1.34	0.04	2777.60	77.16	0.20	0.05	409.37	113.74	0.11	92	21	\$17,833	
Siskiyous Community College District	9	\$275,454	54%	210,608	-	4,24															

## District Energy Usage Data



**Citizen's Oversight Board - Site Level Reporting Data Summary**  
**2014 Energy Usage Calculator - Fiscal Year 2013-14 data**  
 Summary - 71 of 72 reporting districts

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	717,044,684	2,447,273,505,775	23,848,078	2,384,807,760,000	4,832,081,265,775	67,178,277	1,612	Baseline Year
2013-2014	737,666,124	2,517,654,480,587	24,093,366	2,409,336,647,000	4,926,991,127,587	73,865,119	1,537	-4.68%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Allan Hancock Joint Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	8,760,033	29,897,992,629	200,916	20,091,600,000	49,989,592,629	616,130	46	51	1673	Baseline Year
2013-2014	6,809,250	23,239,970,250	400,128	40,012,800,000	63,252,770,250	706,550	46	51	1846	10.34%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Antelope Valley CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	7,950,029	27,133,448,977	225,788	22,578,800,000	49,712,248,977	682,950	45	51	1516	Baseline Year
2013-2014	5,290,067	18,054,998,671	254,831	25,483,100,000	43,538,098,671	682,950	45	51	1328	-12.42%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Barstow Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	2,482,650	8,473,284,450	37,210	3,721,000,000	12,194,284,450	177,265	36	51	1581	Baseline Year
2013-2014	2,235,362	7,629,290,506	38,255	3,825,500,000	11,454,790,506	177,265	36	51	1486	-6.06%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Butte-Glenn

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	7,762,138	26,492,176,994	150,960	15,096,000,000	41,588,176,994	790,971	43	51	1119	Baseline Year
2013-2014	7,818,009	26,682,864,717	161,530	16,153,000,000	42,835,864,717	761,629	42	51	1210	8.12%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District:      Cabrillo

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	7,440,050	25,392,890,650	419,781	41,978,100,000	67,370,990,650	792,767	44	51	1789	Baseline Year
2013-2014	7,337,114	25,041,570,082	367,867	36,786,700,000	61,828,270,082	792,767	42	51	1677	-6.25%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Cerritos Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	13,344,735	45,545,580,555	328,059	32,805,900,000	78,351,480,555	862,131	47	51	1855	Baseline Year
2013-2014	13,417,131	45,792,668,103	283,179	28,317,900,000	74,110,568,103	900,770	47	51	1679	-9.47%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Chabot - Las Positas Community College

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	9,658,967	32,966,054,371	781,343	78,134,300,000	111,100,354,371	1,131,712	41	51	2134	Baseline Year
2013-2014	10,910,927	37,238,993,851	729,355	72,935,500,000	110,174,493,851	1,207,173	41	51	1984	-7.03%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Chaffey CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	10,609,563	36,210,438,519	344,774	34,477,400,000	70,687,838,519	524,461	49	51	2696	Baseline Year
2013-2014	10,442,146	35,639,044,298	418,972	41,897,200,000	77,536,244,298	524,461	49	51	2957	9.69%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Citrus Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	10,791,887	36,832,710,331	263,927	26,392,700,000	63,225,410,331	751,936	45	51	1752	Baseline Year
2013-2014	9,666,483	32,991,706,479	214,607	21,460,700,000	54,452,406,479	751,936	46	51	1493	-14.76%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Coast Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	23,429,986	79,966,542,218	429,555	42,955,500,000	122,922,042,218	1,851,858	41	50	1459	Baseline Year
2013-2014	23,785,018	81,178,266,434	440,189	44,018,900,000	125,197,166,434	1,841,441	41	50	1494	2.43%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Compton Community College

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	3,644,617	12,439,077,821	35,705	3,570,500,000	16,009,577,821	442,691	45	51	753	Baseline Year
2013-2014	3,720,603	12,698,418,039	11,388	1,138,800,000	13,837,218,039	485,691	45	51	594	-21.22%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Contra Costa Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	14,004,437	47,797,142,491	679,793	67,979,273,000	115,776,415,491	1,410,416	42	50	1784	Baseline Year
2013-2014	15,982,402	54,547,936,719	645,897	64,589,700,000	119,137,636,719	1,473,923	42	50	1757	-1.53%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Copper Mountain Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	1,739,186	5,935,841,818	31,068	3,106,800,000	9,042,641,818	103,396	41	49	1943	Baseline Year
2013-2014	1,563,224	5,335,283,512	24,715	2,471,500,000	7,806,783,512	103,396	41	49	1678	-13.67%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Desert Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	10,693,816	36,497,994,008	128,076	12,807,600,000	49,305,594,008	574,800	43	51	1825	Baseline Year
2013-2014	10,266,874	35,040,840,962	124,079	12,407,900,000	47,448,740,962	591,105	43	51	1708	-6.42%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: El Camino Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	15,596,806	53,231,898,878	429,413	42,941,300,000	96,173,198,878	1,289,742	46	50	1553	Baseline Year
2013-2014	14,991,600	51,166,330,800	313,466	31,346,600,000	82,512,930,800	1,289,742	46	50	1333	-14.20%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Feather River Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	1,932,398	6,595,274,374	0	0	6,595,274,374	152,582	36	51	994	Baseline Year
2013-2014	1,941,539	6,626,472,607	0	0	6,626,472,607	153,479	42	51	928	-6.56%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Foothill-De Anza CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	13,309,870	45,426,586,310	988,353	98,835,300,000	144,261,886,310	1,632,475	41	51	1921	Baseline Year
2013-2014	12,590,739	42,972,192,207	989,791	98,979,100,000	141,951,292,207	1,636,233	41	51	1886	-1.83%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Gavilan Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013		-		0	0					Baseline Year
2013-2014	3,781,204	12,905,249,252	160,387	16,038,700,000	28,943,949,252	282,862	42	51	2201	#VALUE!

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Glendale Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	11,220,813	38,296,634,769	183,638	18,363,800,000	56,660,434,769	931,589	40	50	1352	Baseline Year
2013-2014	10,972,800	37,450,166,400	212,205	21,220,500,000	58,670,666,400	931,589	40	50	1400	3.55%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Grossmont-Cuyamaca Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	13,786,283	47,052,583,879	213,374	21,337,400,000	68,389,983,879	1,341,451	45	51	1062	Baseline Year
2013-2014	13,444,226	45,885,143,338	209,252	20,925,200,000	66,810,343,338	1,341,451	45	51	1038	-2.31%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Hartnell Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013		-		0	0					Baseline Year
2013-2014	4,926,561	16,814,352,693	121,180	12,118,000,000	28,932,352,693	524,633	45	51	1149	#VALUE!

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: IMPERIAL COMMUNITY COLLEGE DISTRICT

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	3,609,600	12,319,564,800	23,033	2,303,300,000	14,622,864,800	319,748	43	52	963	Baseline Year
2013-2014	2,979,200	10,168,009,600	30,856	3,085,600,000	13,253,609,600	309,838	43	52	901	-6.46%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Kern CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	9,119,738	31,125,665,794	328,217	32,821,687,000	63,947,352,794	1,163,652	43	51	1169	Baseline Year
2013-2014	9,198,892	31,395,817,713	420,147	42,014,700,000	73,410,517,713	1,158,878	43	51	1348	15.27%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Lake Tahoe Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	2,146,985	7,327,659,805	138,595	13,859,500,000	21,187,159,805	164,989	48	50	2621	Baseline Year
2013-2014	2,011,547	6,865,409,911	127,932	12,793,200,000	19,658,609,911	164,989	44	51	2508	-4.28%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Lassen Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	2,068,942	7,061,299,046	138,771	13,877,100,000	20,938,399,046	203,448	45	51	2144	Baseline Year
2013-2014	2,203,480	7,520,477,240	154,198	15,419,800,000	22,940,277,240	203,448	45	51	2349	9.56%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Long Beach Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	12,809,761	43,719,714,293	286,502	28,650,200,000	72,369,914,293	1,278,148	41	52	1218	Baseline Year
2013-2014	12,575,876	42,921,464,788	247,094	24,709,400,000	67,630,864,788	1,250,308	45	52	1115	-8.41%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Los Angeles Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	69,024,198	235,579,587,774	1,662,637	#####	401,843,287,774	7,488,829	47	52	1084	Baseline Year
2013-2014	70,354,911	240,121,311,243	1,724,593	#####	412,580,611,243	10,917,167	47	52	763	-29.57%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Los Rios CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	12,123,680	41,378,119,840	386,009	38,600,900,000	79,979,019,840	761,474	46	51	2166	Baseline Year
2013-2014	13,350,920	45,566,689,960	415,206	41,520,600,000	87,087,289,960	1,260,547	46	51	1424	-34.22%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Marin CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013		-		0	0					Baseline Year
2013-2014	5,206,293	17,769,078,009	159,494	15,949,400,000	33,718,478,009	420,589	39	51	1782	#VALUE!



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Mendocino - Lake Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	1,741,190	5,942,681,470	115,011	11,501,100,000	17,443,781,470	295,000	44	51	1245	Baseline Year
2013-2014	1,611,456	5,499,899,328	63,605	6,360,500,000	11,860,399,328	295,000	44	51	846	-32.01%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Merced Community College

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	7,396,427	25,244,005,351	395,042	39,504,200,000	64,748,205,351	581,628	41	51	2420	Baseline Year
2013-2014	7,050,640	24,063,834,320	378,445	37,844,500,000	61,908,334,320	581,628	41	51	2314	-4.39%





**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: MiraCosta College

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	7,905,754	26,982,338,402	154,114	15,411,400,000	42,393,738,402	515,494	44	51	1731	Baseline Year
2013-2014	8,618,282	29,414,196,466	163,602	16,360,200,000	45,774,396,466	520,165	44	51	1853	7.00%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Monterey Peninsula Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013		-		0	0					Baseline Year
2013-2014	4,484,000	15,303,892,000	151,000	15,100,000,000	30,403,892,000	433,000	45	51	1463	#VALUE!

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Mt San Antonio Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	17,959,408	61,295,459,504	799,517	79,951,700,000	141,247,159,504	1,525,193	44	51	1950	Baseline Year
2013-2014	13,956,584	47,633,821,192	1,344,598	#####	182,093,621,192	1,525,193	44	51	2513	28.92%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Mt San Jacinto CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	8,121,712	27,719,403,056	128,747	12,874,700,000	40,594,103,056	504,541	44	51	1694	Baseline Year
2013-2014	7,769,828	26,518,422,964	116,294	11,629,400,000	38,147,822,964	507,293	44	51	1583	-6.54%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Napa Valley Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	4,788,298	16,342,461,074	207,818	20,781,800,000	37,124,261,074	504,438	44	51	1549	Baseline Year
2013-2014	4,505,117	15,375,964,321	204,044	20,404,400,000	35,780,364,321	502,696	44	51	1498	-3.29%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: North Orange County Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	20,278,830	69,211,646,790	988,299	98,829,900,000	168,041,546,790	1,872,867	44	51	1889	Baseline Year
2013-2014	19,311,770	65,911,071,010	975,975	97,597,500,000	163,508,571,010	1,886,792	44	51	1824	-3.42%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Ohlone Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	5,023,390	17,144,830,070	217,768	21,776,800,000	38,921,630,070	601,889	45	48	1391	Baseline Year
2013-2014	4,417,912	15,078,333,656	168,502	16,850,200,000	31,928,533,656	601,889	45	48	1141	-17.97%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Palo Verde Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	1,889,569	6,449,098,997	21,520	2,152,000,000	8,601,098,997	178,614	42	51	1036	Baseline Year
2013-2014	2,154,496	7,353,294,848	26,439	2,643,900,000	9,997,194,848	178,614	44	51	1178	13.78%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Palomar Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	108,786	371,286,618	291,260	29,126,000,000	29,497,286,618	761,930	49	51	774	Baseline Year
2013-2014	110,370	376,692,810	297,007	29,700,700,000	30,077,392,810	845,524	49	51	711	-8.11%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Pasadena Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	15,264,600	52,098,079,800	461,345	46,134,500,000	98,232,579,800	2,334,977	46	51	867	Baseline Year
2013-2014	15,780,700	53,859,529,100	469,437	46,943,700,000	100,803,229,100	2,339,777	46	52	879	1.36%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Peralta Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	20,362,863	69,498,451,419	1,313,523	#####	200,850,751,419	1,367,642	48	50	2997	Baseline Year
2013-2014	20,047,300	68,421,434,900	881,752	88,175,200,000	156,596,634,900	1,514,259	48	50	2111	-29.58%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Rancho Santiago Community College

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	14,537,409	49,616,176,917	298,885	29,888,500,000	79,504,676,917	887,229	46	51	1848	Baseline Year
2013-2014	15,193,976	51,857,040,088	268,103	26,810,300,000	78,667,340,088	957,730	46	51	1694	-8.34%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Redwoods CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013		-		0	0					Baseline Year
2013-2014	4,157,452	14,189,383,676	277,254	27,725,400,000	41,914,783,676	626,603	44	51	1408	#VALUE!



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Rio Hondo Community College

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	9,235,000	31,519,055,000	172,885	17,288,500,000	48,807,555,000	711,392	44	51	1444	Baseline Year
2013-2014	10,218,912	34,877,146,656	167,778	16,777,800,000	51,654,946,656	732,605	46	55	1396	-3.34%



**Citizen's Oversight Board - Site Level Reporting Data**

9/16/2009 final  
**Energy Usage Calculator (Revised 10-2014)**

District: Riverside Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	19,785,273	67,527,135,043	309,337	30,933,700,000	98,460,835,043	1,266,255	46	51	1603	Baseline Year
2013-2014	20,860,727	71,197,661,251	268,599	26,859,900,000	98,057,561,251	1,345,817	46	51	1502	-6.30%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: San Bernardino Community College

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	12,510,238	42,697,442,294	298,300	29,830,000,000	72,527,442,294	869,342	45	51	1738	Baseline Year
2013-2014	10,641,285	36,318,705,705	194,195	19,419,500,000	55,738,205,705	852,652	42	51	1406	-19.12%



**Citizen's Oversight Board - Site Level Reporting Data**

**2014 Energy Usage Calculator 2013-14 data (Revised 08-2014; with example data)**

District: San Diego CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	22,992,338	78,472,849,594	395,249	39,524,900,000	117,997,749,594	3,803,100	44	51	653	Baseline Year
2013-2014	27,113,253	92,537,532,489	505,249	50,524,900,000	143,062,432,489	3,524,379	43	51	864	32.22%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: San Francisco Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	18,160,593	61,982,103,909	854,534	85,453,400,000	147,435,503,909	1,901,898	44	52	1615	Baseline Year
2013-2014	17,629,103	60,168,128,539	771,056	77,105,600,000	137,273,728,539	1,901,898	44	52	1504	-6.89%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: San Joaquin Delta Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	10,923,888	37,283,229,744	306,024	30,602,400,000	67,885,629,744	871,371	43	51	1658	Baseline Year
2013-2014	10,955,698	37,391,797,274	338,222	33,822,200,000	71,213,997,274	983,344	43	51	1541	-7.04%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: San Jose-Evergreen CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	12,030,356	41,059,605,028	489,604	48,960,400,000	90,020,005,028	1,411,951	41	52	1371	Baseline Year
2013-2014	12,101,621	41,302,832,473	444,059	44,405,900,000	85,708,732,473	1,401,307	41	51	1330	-3.02%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: San Luis Obispo Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	6,153,833	21,003,032,029	319,155	31,915,500,000	52,918,532,029	642,405	46	51	1698	Baseline Year
2013-2014	5,599,988	19,112,759,044	290,431	29,043,100,000	48,155,859,044	642,405	46	51	1546	-9.00%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: San Mateo County Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	16,264,900	55,512,103,700	1,087,551	#####	164,267,203,700	1,595,650	43	50	2214	Baseline Year
2013-2014	16,739,366	57,131,456,158	944,471	94,447,100,000	151,578,556,158	1,601,341	43	50	2036	-8.05%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Santa Barbara Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	8,156,303	27,837,462,139	146,496	14,649,600,000	42,487,062,139	714,040	40	51	1308	Baseline Year
2013-2014	8,103,280	27,656,494,640	141,181	14,118,100,000	41,774,594,640	714,040	40	51	1286	-1.68%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Santa Clarita Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	11,099,565	37,882,815,345	80,421	8,042,100,000	45,924,915,345	852,797	47	51	1099	Baseline Year
2013-2014	12,958,806	44,228,404,878	61,896	6,189,600,000	50,418,004,878	836,327	47	51	1230	11.95%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Santa Monica Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	13,282,472	45,333,076,936	164,289	16,428,900,000	61,761,976,936	1,055,381	45	49	1245	Baseline Year
2013-2014	13,806,906	47,122,970,178	155,056	15,505,600,000	62,628,570,178	1,115,581	45	49	1194	-4.07%

Citizen's Oversight Board - Site Level Reporting Data

Energy Usage Calculator (Revised 10-2014)

District: Sequoias

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	4,786,583	16,336,606,414	78,351	7,835,100,000	24,171,706,414	502,488	41	51	1046	Baseline Year
2013-2014	4,754,161	16,225,951,493	86,225	8,622,500,000	24,848,451,493	477,488	45	51	1084	3.67%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Shasta-Tehama-Trinity Joint Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	4,713,453	16,087,015,089	388,882	38,888,200,000	54,975,215,089	574,854	42	51	2057	Baseline Year
2013-2014	4,509,099	15,389,554,887	267,816	26,781,600,000	42,171,154,887	574,854	42	51	1578	-23.29%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Sierra Joint Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	7,884,736	26,910,603,968	135,131	13,513,100,000	40,423,703,968	752,436	41	50	1181	Baseline Year
2013-2014	7,358,719	25,115,307,947	128,308	12,830,800,000	37,946,107,947	764,500	40	50	1103	-6.58%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Siskiyou Joint Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	2,590,040	8,839,806,520	231,490	23,149,000,000	31,988,806,520	267,981	44	51	2513	Baseline Year
2013-2014	2,608,490	8,902,776,370	227,824	22,782,400,000	31,685,176,370	267,981	49	51	2365	-5.90%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Solano CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	7,687,344	26,236,905,072	322,882	32,288,200,000	58,525,105,072	515,412	43	50	2442	Baseline Year
2013-2014	6,031,170	20,584,383,210	343,526	34,352,600,000	54,936,983,210	535,636	43	50	2206	-9.68%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Sonoma County Junior College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	12,821,037	43,758,199,281	496,635	49,663,500,000	93,421,699,281	1,597,615	46	51	1206	Baseline Year
2013-2014	13,995,867	47,767,894,071	594,612	59,461,200,000	107,229,094,071	1,597,615	46	51	1384	14.78%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: South Orange County Community College

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	8,855,833	30,224,958,029	1,227,252	#####	152,950,158,029	1,114,921	46	52	2800	Baseline Year
2013-2014	11,024,735	37,627,420,555	1,080,900	#####	145,717,420,555	1,120,905	46	52	2653	-5.24%





**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Southwestern Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013		-		0	0					Baseline Year
2013-2014		-		0	0					#VALUE!



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: State Center Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	21,101,498	72,019,412,674	294,587	29,458,700,000	101,478,112,674	1,562,396	46	51	1339	Baseline Year
2013-2014	18,572,828	63,389,061,964	235,992	23,599,200,000	86,988,261,964	1,562,396	46	51	1148	-14.28%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Ventura County Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	18,218,261	62,178,924,793	254,090	25,409,000,000	87,587,924,793	1,716,507	46	52	1041	Baseline Year
2013-2014	18,707,205	63,847,690,665	208,784	20,878,400,000	84,726,090,665	1,710,780	46	52	1011	-2.94%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Victor Valley Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	5,793,685	19,773,846,905	174,984	17,498,400,000	37,272,246,905	548,764	46	51	1400	Baseline Year
2013-2014	5,675,056	19,368,966,128	165,640	16,564,000,000	35,932,966,128	548,764	44	51	1379	-1.56%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: West Hills Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	5,889,003	20,099,167,239	98,626	9,862,600,000	29,961,767,239	419,077	44	51	1505	Baseline Year
2013-2014	5,927,259	20,229,734,967	83,267	8,326,700,000	28,556,434,967	419,080	44	51	1435	-4.69%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: West Kern CCD

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	2,384,443	8,138,103,959	27,249	2,724,900,000	10,863,003,959	257,431	42	51	907	Baseline Year
2013-2014	2,375,804	8,108,619,052	30,372	3,037,200,000	11,145,819,052	259,391	42	51	924	1.83%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: West Valley-Mission Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	11,503,504	39,261,459,084	410,924	41,092,400,000	80,353,859,084	979,770	45	51	1709	Baseline Year
2013-2014	12,113,486	41,343,329,083	451,496	45,149,647,000	86,492,976,083	985,375	45	51	1829	7.03%

**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Yosemite Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	15,632,430	53,353,483,590	699,254	69,925,400,000	123,278,883,590	807,174	47	51	3117	Baseline Year
2013-2014	16,134,710	55,067,765,230	555,781	55,578,100,000	110,645,865,230	719,717	47	51	3137	0.66%



**Citizen's Oversight Board - Site Level Reporting Data**

**Energy Usage Calculator (Revised 10-2014)**

District: Yuba Community College District

Fiscal Year	Annual Electricity KWH Usage	Electricity to BTU Conversion	Annual Natural Gas Therm Usage	Therm to BTU Conversion	Total Annual BTU's Consumed	Gross Square Feet From Space Inventory	Weeks of Academic Operation	Total Weeks of Operation	Average BTU's Per GSF Per Week	Percent Reduction of Baseline Year
2012-2013	2,148,672	7,333,417,536	155,550	15,555,000,000	22,888,417,536	492,816	44	51	978	Baseline Year
2013-2014	2,204,309	7,523,306,617	163,780	16,378,000,000	23,901,306,617	505,968	43	51	1005	2.79%

**APPENDIX C: CALIFORNIA WORKFORCE DEVELOPMENT  
BOARD PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS**

## Overview of

# PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS

**In February 2014**, the California Workforce Development Board (CWDB) announced the availability of up to \$3 million in Proposition 39 Clean Energy Job Creation funds to implement and support energy efficiency-focused, “earn-and-learn” job training and placement program targeting disadvantage job seekers. As a result, CWDB funded six (6) training implementation projects that build a pipeline for at-risk youth, veterans and disadvantaged job seekers to earn industry-valued credentials with the primary goals of entering into Joint-Labor Management Registered Apprenticeship Programs, continued education, or other job placements related to energy-efficiency.

### Training Pilot Goals

- ✱ **Train up to 300** at-risk youth, veterans, and other disadvantaged job seekers in green job skills in the construction trades, beginning July 1, 2014 – December 31, 2015
- ✱ **Create structured pathways** into Joint Labor-Management registered apprenticeship programs utilizing the nationally certified Multi-Craft Core Curriculum (MC3), designed by North America’s Building Trades Unions
- ✱ **Develop successful and sustainable pre-apprenticeship programs**, utilizing Industry Advisory Councils (including regional Building Trades Councils and local building trades affiliates), that responds to the labor force needs of their region.

### Training Pilot Grantees and Regions

- ✱ **Central Valley:** *Fresno Regional Workforce Development Board, Fresno-Madera-Tulare-Kings Counties and Stanislaus-Merced-Tuolumne Building Trades Councils*
- ✱ **LA County:** *Los Angeles Trade Technical College, Los Angeles-Orange Council Building Trades Council*
- ✱ **East Bay:** *Contra Costa & Alameda Counties Richmond Workforce Development Board, Alameda and Contra Costa Building Trades Councils*
- ✱ **Sacramento Capitol Region:** *Sacramento Employment and Training Agency, Sacramento-Sierra Building Trades Council*
- ✱ **San Francisco:** *San Francisco Conservation Corps, San Francisco Building Trades Council*
- ✱ **South Bay (San Mateo and Santa Clara Counties):** *Work2Future, and Santa Clara and Santa Clara – San Benito Building Trades Councils*

### Key Performance Measures

- ✓ Attainment of Industry-Valued Credentials (North American Building Trades MC3 Certificate)
- ✓ Placement in State-Certified Apprenticeship (DAS approved)
- ✓ Placement in Continuing Education
- ✓ Placement in Construction/Energy Efficiency Employment
- ✓ Retention in Employment/State-Certified Apprenticeship
- ✓ Income Increase



**WED**

Workforce & Economic Development

A PROGRAM OF California LABOR Federation

## PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS

### THE PILOT PROJECTS

- ✳ **Central Valley Regional Pilot.** The Jump Start Program was originally developed by the Fresno-Madera-Tulare-King Counties Building Trades Council through a grant from their local Housing Authority approximately 10 years ago. With the partnership of the Fresno WDB, it has become a national example of the successful way to create an apprenticeship-preparation program. This program is expanding throughout the Central Valley and is the foundation for training Central Valley residents for careers helping to build California's High Speed Rail system.
- ✳ **Los Angeles County Pilot.** The Los Angeles pilot is the lone community college-led program in the first round of the Prop 39 grant. As Los Angeles Trade and Technical College (LATTC) boasts a robust construction department that offers an associate's degree, they have long held a relationship with the local building trades council. Adoption of the MC3 curriculum was a perfect match for their Energy Efficiency and Construction Bootcamp.
- ✳ **East Bay Pilot.** (Contra Costa & Alameda Counties) The East Bay Prop 39 pilot covers the two-county region of Alameda and Contra Costa. The three community based training partners have been providing apprenticeship preparation programs for years, allowing integration of the MC3 curriculum to be relatively seamless. Furthermore, having deep roots in their respective communities (Richmond Build and Future Build in Contra Costa, and Cypress Mandela in Oakland), outreach to the local communities to build their Prop 39 cohorts was an easy process. Furthermore, the three training entities have also had long-standing working relationships with their local building trades councils and area building trades unions, with Future Build and RichmondBUILD having placement-related MOUs with the both the Carpenters and Laborers unions.
- ✳ **Sacramento Capitol Region Pilot.** Sacramento Capitol Region Pilot. The Sacramento Capitol Region Prop 39 project was a diverse project with a twofold mission: 1) to work with disadvantaged youth through a pilot training with the Conservation Corps and 2) to train disadvantaged job seekers for work on a range of building projects in the region. This was a true pilot project, although partners have worked together in various capacities including past pre-construction training opportunities. This grant was an opportunity to begin the process of building an ongoing apprenticeship-pipeline for the region and to expand the Priority Worker Program for the Sacramento Kings Arena Project, a program creating a local hire opportunity for disadvantaged communities.
- ✳ **San Francisco Pilot.** The San Francisco Pilot is the only Prop 39 project led by a community-based organization, providing unique perspective for how a jobs training program can integrate the MC3 curriculum into existing program structure. The San Francisco Conservation Corps offers young people opportunities to develop themselves, their academic abilities and marketable job skills, while addressing community needs through service work. The Prop 39 grant gave the SFCC the opportunity to begin to build a relationship with the San Francisco building trades, while adding the MC3 to their green skills and construction training offerings.
- ✳ **South Bay Pilot.** (Santa Clara & San Mateo Counties) The South Bay Prop 39 project is a labor-driven, labor-operated apprenticeship preparation program, in partnership with regional workforce players. The San Mateo Program, entitled the Trades Introduction Program (TIP), is the vision of the Bay Area Apprenticeship Coordinators Association (BAACA), the regional group representing the union apprenticeship coordinators for all Bay Area union trades. TIP is operated in partnership with the San Mateo Building Trades Council and the San Mateo County Union Community Alliance. The sister program in Santa Clara County, entitled the Trades Orientation Program (TOP) partnership also consists of the BAACA, the Santa Clara-San Benito Building Trades Council, and Working Partnerships, USA.



## Overview of PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS

Program Outcomes - 12.31.15 Snapshot				
PROJECT	ENROLLMENT (% of target)	COMPLETED TRAINING (% of enrolled)	PLACEMENT (% of trained)	
Fresno	78%	84%	33%	<i>**Many factors impact placement rates, including staggered program start dates; gaps between program completion date and the timing of apprenticeship openings; and postponed placement for Conservation Corps members who choose to finish their CCC term.</i>
LATTC	106%	76%	48%	
Richmond	105%	98%	80%	
SETA	100%	63%	49%	
SF CC	109%	79%	54%	
Work2future	112%	86%	52%	
<b>AVERAGE</b>	<b>103%</b>	<b>81%</b>	<b>55%</b>	

Data as of December 2015

## LESSONS LEARNED



### INVOLVEMENT OF JOINT APPRENTICESHIP TRAINING COMMITTEES (JATCS) IS KEY TO APPRENTICESHIP PLACEMENT

The more a pilot involved the regional apprenticeship community, the more weight the MC3 Certificate of Completion carried with apprenticeship programs, leading to an increased number of placements. Although the grant required involvement of local building trades councils and JATCs through participation on the Industry Advisory Committees, involvement often went far beyond this mandate including:

- ✓ Giving presentations by individual crafts so students understood the wide variety of occupations and careers available in the construction industry.
- ✓ Providing tours and hands-on instruction at apprenticeship training facilities, and
- ✓ Providing instruction of the MC3 course.

Apprentice programs invest up to \$20,000 on apprentices in the first several years of apprenticeship, and can lose that investment in apprentices who “wash out” or decide they are not interested in the work. The interaction between the MC3 programs and the individual apprentice programs led to increased value of the MC3 program to apprentice coordinators by enabling them to identify career-interested, prepared apprentice applicants.



CENTRAL VALLEY REGIONAL PILOT



LOS ANGELES COUNTY PILOT



EAST BAY PILOT



## 2

### **PLACEMENT INTO REGISTERED APPRENTICESHIP DOES NOT HAPPEN OVERNIGHT**

Placement from an apprenticeship prep-program into registered apprenticeship is not an instantaneous process. Joint Apprenticeship Training Committees accept new apprentices based on local construction project demand, and as a result, placements into registered apprenticeship programs averaged between 3-6 months. Many Registered Apprenticeship Programs, particularly in the mechanical crafts, have designated enrollment periods; some only once a year. If enrollment is in January, and a graduate exits an MC3 program in June, there is a six month lag period.

The MC3 pilot programs grappled with how to keep MC3 program graduates engaged while waiting for entrance into particular apprenticeship programs. Our pilots often found temporary employment opportunities for unemployed participants, and offered incentives such as tools for program graduates to remain engaged.

The union apprenticeship community, seeing the value in these graduates, often hired graduates into craft tender classifications (i.e. trade-assistant positions), so graduates were working within the craft and could gain additional knowledge on-the-job before applying for an apprenticeship.

One area of success was when MC3 programs were written directly into Project Labor Agreements or designated through local hire construction policies. Placements happened more quickly, as the apprenticeship preparation programs were tied directly to local demand.

## 3

### **SUPPORTIVE SERVICES + PHYSICAL FITNESS COMPONENT + MC3 = SUCCESSFUL APPRENTICESHIP PREPARATION**

The grant program targets disadvantaged workers, particularly those with multiple barriers to employment, and supportive services were critical to job seeker participation and success.

Funded programs addressed prerequisites to participation in apprenticeship such as requiring a GED (at minimum and up to two years of high school algebra), a valid driver's license, and successful drug screening. The requirement of a valid driver's license was an issue for all of the programs. Programs also addressed the physical nature of the work with physical fitness modules.

Veterans were also a designated population, but it became evident over time that the Helmets-to-Hardhats program proved to be a better avenue for them, as veterans have direct entry access to union apprenticeship programs and tended to be apprenticeship ready.

From the beginning of the 18 month pilot, all of the program partners participated in a facilitated Learning Community.

Thanks to the sharing of best practices, many programs changed the dates/times of the MC3 portion so students could attend remediation classes, work toward their GED, or take additional vocational English courses.



## CENTRAL VALLEY REGIONAL PILOT



*The graduates pictured with California State Senator Cathleen Galgiani of District 5; City of Modesto Mayor Garrad Marsh; Diana Gomez, Central Valley Regional Director at California High-Speed Rail Authority; and Hubert “Hub” Walsh, Supervisor, Merced County Board of Supervisors, District 2.*

### EXAMPLE OF SUCCESS

**Jesse Marquez** was looking for a career change after being a customer service training manager for Skywest Airlines. He was working in Bakersfield when the company told him that he would have to transfer to another city. It would have been his fourth move with the airline. He decided to check out other opportunities. Marquez saw his opportunity for a career change through the Fresno Jump Start Program, and decided that his best fit would be with the UA Plumbers & Pipefitters. Now, he’s a third-year apprentice. “You have to bear down and get used to it because it is a lot more physical work, but the more I did, the easier it became,” Marquez says. “If you’re a hard worker and you’re not afraid to tackle problems, this career can be challenging and very rewarding.”

PARTNERS	TRAINING PROVIDERS	TARGET TRADES ENGAGED
<b>Building Trades Councils:</b> <ul style="list-style-type: none"> <li>• Fresno-Madera-Tulare – King Counties BTC</li> <li>• Stanislaus-Merced-Tuolumne BTC</li> </ul> <b>Workforce Development Boards:</b> <ul style="list-style-type: none"> <li>• Fresno WDB (LEAD)</li> <li>• Madera WDB</li> <li>• Stanislaus WDB</li> <li>• Merced WDB</li> </ul>	Fresno-Madera-Tulare-King Counties Building Trades  Stanislaus-Merced-Tuolumne Building Trades	Electricians, Sheet Metal, Iron, Plumbers & Pipefitters, Operating Engineers, Laborers, Cement Masons, Concrete Finishers, Teamsters, Roofers & Waterproofers, Insulators, Carpenters

## **PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS**

### **CENTRAL VALLEY REGIONAL PILOT, CON'T**

#### **PROGRAM SUMMARY**

The Jump Start Program was originally developed by the Fresno-Madera-Tulare-King Counties Building Trades Council through a small grant from their local Housing Authority approximately 10 years ago. With the partnership of the Fresno WDB, it has become a national example of the successful way to create an apprenticeship-preparation program. Through trial and error, and with adoption of the MC3, the program is expanding throughout the Central Valley and is the foundation for training for Central Valley residents to build California's High Speed Rail system.

Unique elements of this program include, the initial screening and intake process, where participants are evaluated for academic and fitness levels, so early remediation intervention can take place. This program was the first to include a substantial fitness regime, complete with a partnership with the local policy academy to utilize a training instructor to build a construction-focused exercise program. The initial intake process includes participant interviews so that appropriate supportive services can be provide to help individuals to succeed in Jump Start.

#### **KEY PROGRAM STRENGTH**

##### **Team Approach to Program Operation**

Over the years, the Jump Start Program has evolved to a seamless operation model, thanks to the partners adopting a team approach. Although the workforce system and the building trades may speak a different language, they have been candidly open with how each partner operates, allowing them to have created their own language of success. With the training being conducted by the local building trades apprenticeship community, and housed at local building trades training facilities, students get a true understanding of the construction industry directly from their potential future employers. With the assistance of the job development and program staff of the WDB, students are provided the support they need to be successful in this program, in their careers, and in their communities.



## LOS ANGELES COUNTY PILOT



*Left: Carlos Vasquez,  
Director Vernon-Central/LATTC  
WorkSource Center  
Center: Manuel V.  
Right: Laurence “Larry” Frank,  
President, L.A. Trade-Technical  
College*

### EXAMPLE OF SUCCESS

**Manuel V.** was granted parole by Governor Brown in early 2015 from a 15-to-life sentence. One of Los Angeles Trade Technical College (LATTC) partner organizations, Friends Outside, referred Manuel to LATTC Vernon Central’s Work-

Source Center in February 2015 to begin his journey. In April, he started the Prop 39 Apprenticeship Prep program which he completed in May. That same month, he attended the Construction Resource Fair and Construction Career Awareness Day at LATTC where over 50 employers and labor representatives were present. Manuel captured the interest of Coleman Construction, who decided to sponsor him into Laborers Local 300 where he could continue his training at a union boot camp. Upon completing the boot camp, he was employed by Coleman and spent five months on a job for them. After the completion of the Coleman project, Manuel started working for McGuire Contractors, Inc., a signatory contractor with the Laborers union, on the LATTC 24th Street Parking Structure. Manuel said he feels he has to make up for lost time, and talks about his pride in bringing home a weekly paycheck to his family.

PARTNERS	TRAINING PROVIDERS	TARGET TRADES ENGAGED
<b>Building Trades Council:</b> <ul style="list-style-type: none"> <li>Los Angeles – Orange BTC</li> </ul> <b>Community College:</b> <ul style="list-style-type: none"> <li>LA Trade &amp; Technical College (LATTC – LEAD)</li> </ul>	LATTC	Plumbers & Pipefitters, Electricians, Sheet Metal, Shipbuilders, Rail Workers, Laborers, Ironworkers, Cement Masons

## PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS

### LOS ANGELES COUNTY PILOT, CON'T

#### PROGRAM SUMMARY

The Los Angeles pilot is the lone community college-led program in the first round of the Prop 39 grant. As Los Angeles Trade and Technical College (LATTC) boasts a robust construction department that offers an associate's degree program, they have long held a relationship with the local building trades council. Adoption of the MC3 curriculum was a perfect match for their Energy Efficiency and Construction Bootcamp.

This Bootcamp provides participants with the necessary training to enter into an apprenticeship or enter into direct employment or advanced education in the field of construction. The MC3 curriculum, a 120-hour base program that combines courses common to all building trades apprenticeship programs, is the crux of this training program. In addition to the MC3 curriculum, participants also receive 40 hours of intensive math/computation work, targeted work readiness skills and trades exploration. The intensive math/computation work provides advanced, contextualized preparation. The career exploration further allows students to thoroughly explore a craft of their choice through work-based learning projects, onsite visits and guest lectures specific to building and construction trade crafts. This 160-hour component was designed with specific input from the LATTC Energy Efficiency and Construction Industry Advisory Committee, representing local building trades councils and employers focusing on our four craft areas of focus.

#### KEY PROGRAM STRENGTH

##### **Understanding the Student Population & Having a Dedicated Campus One-Stop**

The LATTC Campus has a dedicated onsite WorkSource Center (one-stop career center), with a staff contact solely dedicated to careers in construction. The WorkSource Center is able to do expansive outreach throughout the community through a variety of avenues. Furthermore, they provide screening and intake services, providing the Bootcamp with a cohort of students committed to success who receive the supportive services they need to be successful. As a community college, the staff understand younger students; they are able to counsel students about their career paths, understanding that placement in an apprenticeship program is a placement into a career. It is a one-time opportunity, with strict policies around attendance, with no forgiveness for not meeting the standards of the apprenticeship program. For students who may not be ready to commit to a life-long career right away, they have an option for continued education in the field of construction through their associate's degree program.

## PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS

### EAST BAY PILOT (CONTRA COSTA & ALAMEDA COUNTIES)



From left to right:  
Gloria C., Thessalonía T, Grace O., Shauna W., Phung H., Lan B., Bimpi B., Hugo V. and Emmanuel H.

#### EXAMPLE OF SUCCESS

Thanks to the relationship with area building trades unions and contractors, Richmond Build is able to put students to work on a variety of area building projects working in a wide range of building trades. The above picture is of RichmondBUILD/MC3 graduates working at on a solar project in Pittsburg, CA with Baker Electric. All of the students were indentured in the IBEW as CW1 pre-apprentices.

PARTNERS	TRAINING PROVIDERS	TARGET TRADES ENGAGED
<b>Building Trades Councils:</b> <ul style="list-style-type: none"><li>Alameda BTC</li><li>Contra Costa BTC</li></ul> <b>Workforce Development Boards:</b> <ul style="list-style-type: none"><li>Richmond Works (LEAD)</li><li>Alameda WDB</li><li>Contra Costa WDB</li></ul> <b>Community Based Orgs:</b> <ul style="list-style-type: none"><li>Richmond Build</li><li>Future Build</li><li>Cypress Mandela</li></ul> <b>Additional Partners:</b> <ul style="list-style-type: none"><li>Northern California Laborers</li></ul>	RichmondBUILD  Future Build  Cypress Mandela	Laborers, Carpenters, Plumbers and Pipefitters, Sheet Metal Workers and Ironworkers, Electricians, Painters

## PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS

### EAST BAY PILOT, CON'T

#### PROGRAM SUMMARY

The East Bay Prop 39 pilot covers the two-county region of Alameda and Contra Costa. The three community-based training partners have been providing apprenticeship-prep programs for years, allowing integration of the MC3 curriculum to be relatively seamless. Having deep roots in their respective communities, (Richmond Build and Future Build in Contra Costa, and Cypress Mandela in Oakland), outreach to the local communities to build their Prop 39 cohorts was an easy process. The three training entities have also had long-standing working relationships with their local building trades councils and area building trades unions, with Future Build and RichmondBUILD having placement-related MOUs with the both the Carpenters and Laborers unions.

With a track record of training community residents for careers in construction, the partner training programs of the East Bay have been written into multiple Project Labor Agreements and regional building polices that require local hire components. With the building trades councils serving as program advisors and the CBOs handling the job readiness, MC3 training and supportive services component, the East Bay Prop 39 pilot is an effective apprenticeship-prep partnership leading to increased placement opportunities for program graduates.

#### KEY PROGRAM STRENGTH

##### Staff Who Care

Committed training staff is the key strength of the programs of the East Bay. Instructors of these MC3 programs come from in-house, having been through the programs they are now teaching. In addition, there are instructors from the Laborers and Carpenters unions, with a commitment to their community, an innate knowledge of their trades and the desire to teach their skills. They earnestly want their students to succeed, not letting their past barriers to employment continue to be obstacles to their personal success. Training goes beyond an orientation to the construction industry, but to understanding the industry's culture of no tolerance for excuses for not arriving on time, taking direction, and physical appearance. Their tough-love approach combined with imparting industry skills, is changing the lives of program graduates and improving the communities of the East Bay.

## SACRAMENTO CAPITOL REGION PILOT



### EXAMPLE OF SUCCESS

**Amber J.** Amber is a 35 year old woman from Sacramento. With strong math skills and an interest in tools and building things, she signed up for the Construction Pre-Apprenticeship Training in Infrastructure and Green Technology at American

River College and successfully completed the 16-week program in March 2015. While she excelled inside the classroom, she encountered difficult times outside of it. Not having a stable living environment and having to attend weekly meetings for a court ordered program, she was faced with challenges, but she did not let those challenges stand in the way of achieving her goal. She learned about Trades Women Inc. from a guest speaker with the Carpenter's Training Committee for Northern California (CTCNC) and was able to get sponsored into the six week Carpenter's Training Program in Pleasanton. Her determination and perseverance paid off and she is now an apprentice in Carpenters Local 46.

*“With the support I’ve received from SETA and the Prop 39 Grant, I am [on the verge of] starting my dream career as a Union Carpenter Apprentice. There is no limit to where I go from here.” —Amber J.*

PARTNERS	TRAINING PROVIDERS	TARGET TRADES ENGAGED
<b>Building Trades Councils:</b> <ul style="list-style-type: none"> <li>• Sacramento-Sierra BTC</li> </ul> <b>Workforce Development Boards:</b> <ul style="list-style-type: none"> <li>• Sacramento Employment and Training Agency (SETA)</li> <li>• Golden Sierra Job Training Agency (GSJTA)</li> </ul> <b>Community-Based Orgs:</b> <ul style="list-style-type: none"> <li>• Conservation Corps</li> </ul>	North California Carpenters Training Center (NCCT)  American River College  Sierra College	Carpenters, Laborers, Electrical, Ironworkers, Plumbers, and Sheet Metal



## PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS

### SACRAMENTO CAPITOL REGION PILOT, CON'T

#### PROGRAM SUMMARY

The Sacramento Capitol Region Prop 39 project is a diverse project with a twofold mission: 1) to work with disadvantaged youth through a pilot training with the Conservation Corps and 2) to train disadvantaged job-seekers for work on a range of building projects in the region. This was a true pilot project, although partners have worked together in various capacities including past pre-construction training opportunities. This grant was an opportunity to begin the process of building an ongoing apprenticeship-pipeline for the region and to expand the Priority Worker Program for the Sacramento Kings Arena Project, a program creating a local hire opportunity for disadvantaged communities.

The local building trades council and apprenticeship coordinators serve an advisory role, and American River College, Sierra College, and NCCT provide the MC3 and additional apprenticeship-prep training.

In this pilot, the partnering Workforce Development Boards (WDBs) played a key program coordination role, tasked with recruitment, screening, case management, follow-up, retention, and job placement. Key lessons gleaned from this initial grant cycle centered on garnering a better understanding of working with the building trades and the Conservation Corps. As the project progressed, so did the Priority Worker Program, building a better relationship between the WDBs and the building trades. In addition, one lesson learned in this pilot was how to integrate a job-readiness program like the MC3 with the structure of the Conservation Corps for increased success moving forward.

#### KEY PROGRAM STRENGTH

#### Recruiting Women

Recruiting more women into the trades has long been a goal of the building trades unions, as women represent below 10% of the construction industry and approximately 2% of apprentices in California. Apprenticeship-prep programs provide an avenue for increased recruitment of women into the trades by expanding outreach into a diverse range of communities. One third of the Prop 39 graduates of the Sacramento region program were women. Over the course of the trainings, a female instructor with a background in the union trades joined the project and served as a tangible model of success to the female trainees. In addition, youth programs such as the Conservation Corps create opportunities to reach the next generation of tradeswomen.

SAN FRANCISCO PILOT



EXAMPLE  
OF  
SUCCESS

**Eugenio** is an immigrant and English language learner who came to San Francisco through the DREAM Act. Eugenio enrolled into the Pre-Apprentice Training program and has successfully completed the 6 week training and obtained certifications in Multi-Craft Core Curriculum, Traffic Control, Confined Space, and Solar Photovoltaic 1 & 2. He obtained his high school diploma, was able to pass a drug screen, and obtained a valid California driver’s license. Eugenio was indentured as a Laborers Apprentice into Laborers Local 261 and was dispatched to full-time employment as a Flagger with Valverde Construction.



PARTNERS	TRAINING PROVIDERS	TARGET TRADES ENGAGED
<b>Building Trades Council:</b> <ul style="list-style-type: none"><li>• San Francisco BTC</li></ul> <b>Community Based Org:</b> <ul style="list-style-type: none"><li>• San Francisco Conservation Corps</li></ul> <b>Additional Partners:</b> <ul style="list-style-type: none"><li>• Laborers Community Training Foundation</li></ul>	San Francisco Conservation Corps	Laborers, Carpenters, Electricians, Painters, Glaziers

## PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS

### SAN FRANCISCO PILOT, CON'T

#### PROGRAM SUMMARY

The San Francisco Pilot is the only Prop 39 project led by a community-based organization, providing unique perspective for how a jobs training program can integrate the MC3 curriculum into existing program structure. The San Francisco Conservation Corps offers young people opportunities to develop themselves, their academic abilities and marketable job skills while addressing community needs through service work. The Prop 39 grant gave the SFCC the opportunity to begin to build a relationship with the San Francisco building trades, while adding the MC3 to their green skills and construction training offerings.

With a focus on serving disadvantaged youth, the SFCC MC3 program provides additional academic support and remediation, including GED attainment. Building upon the MC3 as an initial trades introductory program, graduates can attain additional certification trainings provided after MC3 — including traffic control, confined space, 40-hr Hazwoper or Solar PV1 training, and 80-hr Energy Efficiency or Solar PV1 & PV2. Additional certification trainings provided by Laborers Community Training Foundation partners.



## SOUTH BAY PILOT

(SANTA CLARA & SAN MATEO COUNTIES)



Photo from 2015 TIP Graduation



### EXAMPLE OF SUCCESS

Albert L. is a recent graduate of the and MC3 TIP Program in San Mateo. After, he graduated from the program he applied to both the local Sheetmetal Workers and Plasterers apprenticeship programs. Unfortunately, the local Sheet Metal Workers enrollment period was not open at the time; however he was accepted into the Plasterers and dispatched quickly after having his application accepted. Although he enjoyed working with the Plasterers, he really felt called to the Sheet Metal trade and was later accepted into the program. Bob Noto, the Apprenticeship Coordinator for the Plasterers, advised Albert to follow his heart, and Bob told Albert he would support him as a union brother. Albert feels fortunate for the skills he learned in the TIP program and for the people he met along his journey into the trades.

PARTNERS	TRAINING PROVIDERS	TARGET TRADES ENGAGED
<b>Building Trades Councils:</b> <ul style="list-style-type: none"> <li>• Santa Clara – San Benito BTC</li> <li>• San Mateo BTC</li> </ul> <b>Regional Apprenticeship Group:</b> <ul style="list-style-type: none"> <li>• Bay Area Apprenticeship Coordinators Association (BAACA)</li> </ul> <b>Workforce Development Boards:</b> <ul style="list-style-type: none"> <li>• Work2future (Santa Clara WDB)</li> </ul> <b>Community Based Orgs:</b> <ul style="list-style-type: none"> <li>• San Mateo County Union Community Alliance</li> <li>• Working Partnerships, USA</li> </ul>	South Bay Building Trades	Bricklayers and Tile, Cement Masons, Electricians, Floor Covering, Glaziers, Ironworkers, Laborers, Operating Engineers, Painters and Tapers, Plasterers, Plumbers and Steamfitters, Roofers, Sheet Metal, Sprinkler Fitters, Sign and Display

## PROP 39 PRE-APPRENTICESHIP TRAINING PILOTS

### SOUTH BAY PILOT, CON'T

#### PROGRAM SUMMARY

The South Bay Prop 39 project is a labor-driven, labor-operated apprenticeship preparation program, in partnership with regional workforce players. The San Mateo Program, entitled the Trades Introduction Program (TIP), is the vision of the Bay Area Apprenticeship Coordinators Association (BAACA), the regional group representing the union apprenticeship coordinators for all Bay Area union trades. TIP is operated in partnership with the San Mateo Building Trades Council and the San Mateo County Union Community Alliance. The sister program in Santa Clara County, entitled the Trades Orientation Program (TOP) partnership also consists of the BAACA, the Santa Clara-San Benito Building Trades Council, and Working Partnerships, USA.

The TIP-TOP MC3 programs are an example for all employers across all industries, on how personal investment and active participation in building their future workforce breeds success. Labor partners see the benefits of this program as twofold: 1) the construction industry (apprenticeship programs and their signatory contractors) will find applicants who have the demonstrated skills and capacity to thrive in their industries, thereby reducing apprenticeship turn-over; 2) contractors will be able to find local workers to fill the large number of replacement jobs as the “silver tsunami” (large number of Boomers who will retire over the next ten years) affects the construction workforce.

**APPENDIX D: CALIFORNIA CONSERVATION CORPS STATUS OF  
PROPOSITION 39 FUNDED ENERGY CORPS PROGRAM**



# California Conservation Corps

## Status of Proposition 39 Funded Energy Corps Program



CCC Contact: Bill McNamara  
[Bill.McNamara@ccc.ca.gov](mailto:Bill.McNamara@ccc.ca.gov)



# Energy Corps Program

## - Proposition 39 Goals -



The CCC's Energy Corps Program is designed to meet the following goals:

➤ **Goals: Provide Energy Industry Training and Work Experience**

- **Energy Industry Training** - Extensive energy industry training experience for Corpsmembers (young adults from 18 to 25, and recently returned veterans up to 29).
- **Energy Industry Work Experience** - Helping to develop the 'next generation' of energy industry workers through extensive energy industry work experience and a continuum of on-the-job training and education.
- **Create Energy Job Opportunity Pathways** - Creating partnerships with energy industry companies that develop into employment opportunity 'pathways' for Corpsmembers interested in pursuing careers in the energy industry.

➤ **Save Goals: Save Energy and Reduce Operating Costs for LEAs**

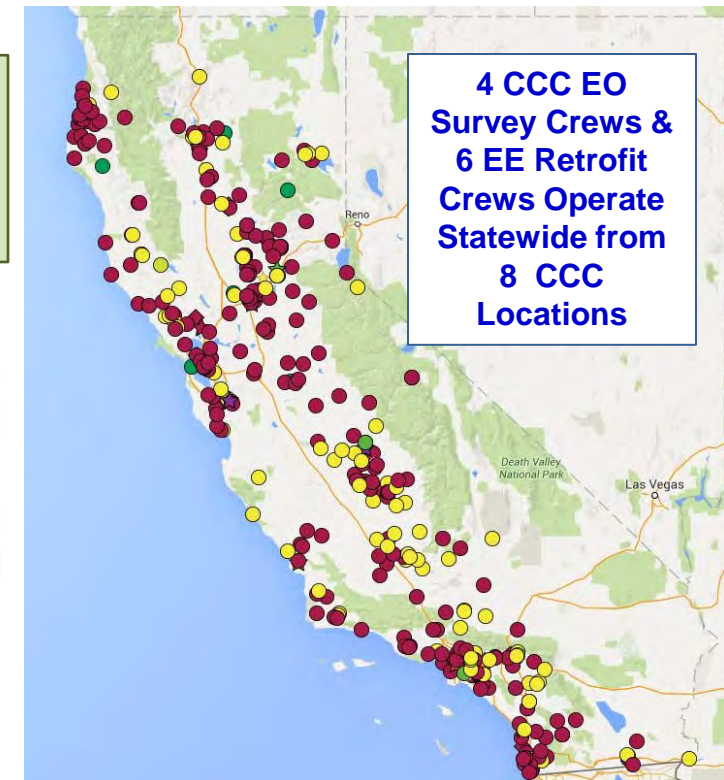
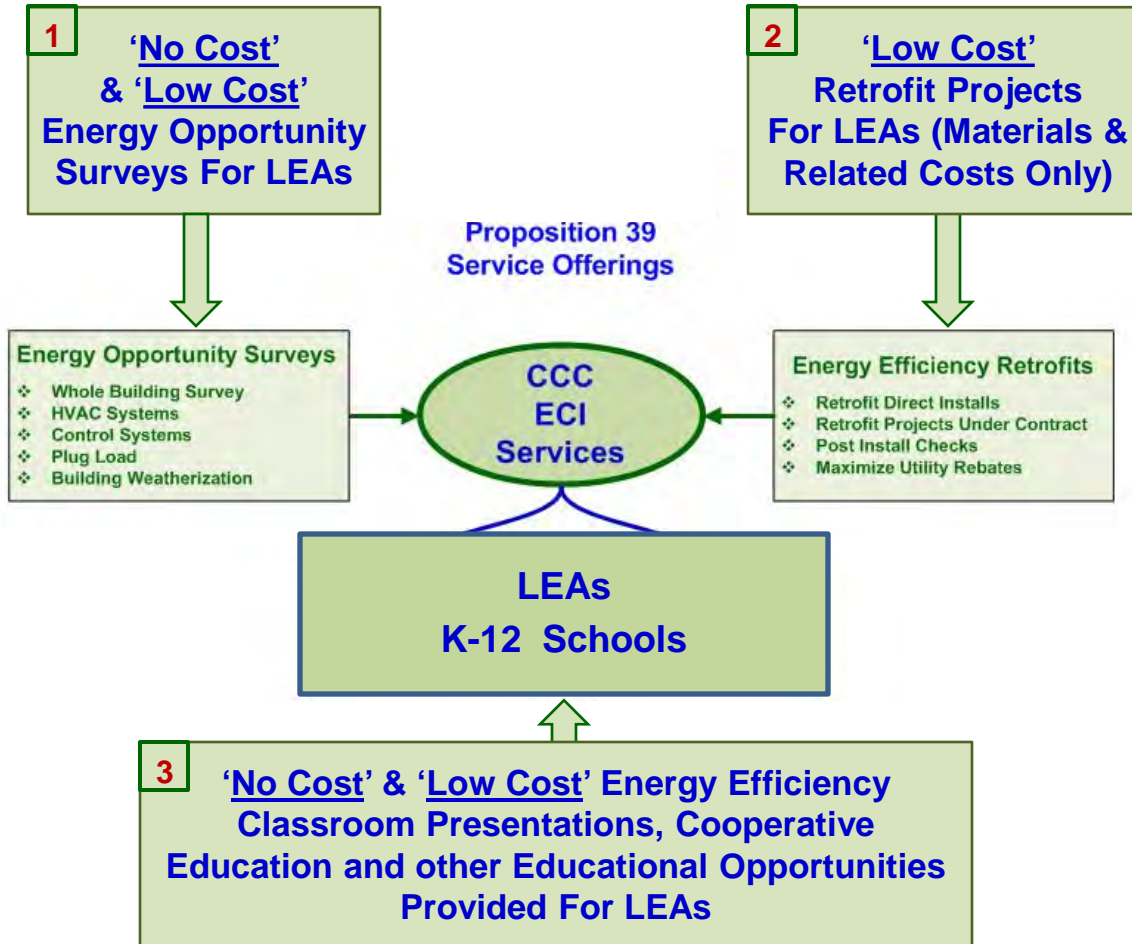
- **Energy Opportunity Surveys** – Perform energy industry standard ASHRAE compliant 'no cost' and 'low cost' whole building Energy Opportunity Surveys (energy audits) for thousands of LEA buildings located throughout California. These Surveys provide LEAs with 'on sight' collection of all energy systems and use data, detailed physical inventory site information necessary to identify, calculate, and recommend available energy savings opportunities.
- **Retrofit Installation** - Perform 'low cost' Energy Efficiency Retrofit installations that generate substantial (and sustainable) energy & cost savings for LEAs.
- **"Best Practices"** - Provide LEA facility management and staff with detailed Operations and Maintenance (O&M) whole building 'Best Practices' for energy efficiency.





# Energy Corps Program

## - Proposition 39 Funded Service Offerings -



**LEAs - CCC Proposition 39 Project Status & Distribution**

**Red = Complete**

**Green = Active**

**Yellow = Pending/Scheduled**





# Energy Corps Program

## - Proposition 39 Funded Program Status -



**Status - Surveys:** In **January of 2014**, the CCC's 'Energy Corps' deployed **10** Proposition 39 Funded Crews of trained and supervised Energy Corps Corpsmembers to provide ASHRAE compliant 'Whole Building' Energy Opportunity Surveys (energy audits) for Local Educational Agencies (LEAs). In mid 2015 the Energy Corps began providing Proposition 39 funded EE Lighting Retrofit Installation services for LEAs throughout the State. The status of Proposition 39 funded **Energy Opportunity Survey** services provided to date by the CCC to K-12 LEAs is as follows:

Surveys - # of K-12 Schools Surveyed	1,216
Surveys - # of K-12 School Buildings Surveyed	11,433
Surveys - Total K-12 Building Square Footage	65,446,517

Surveys - LEAs - # Receiving CCC Surveys	325	
Surveys - LEAs - # Over 5000 ADA	56	17%
Surveys - LEAs - # 5000 or Less ADA	269	83%

Surveys - LEAs - # 50% or more qualified for FRPM	249	77%
---	-----	-----



CCC - P39 LEA's Surveyed By County	
California Counties	# of LEAs
Alameda	8
Alpine	1
Amador	1
Butte	8
Calaveras	0
Colusa	0
Contra Costa	5
Del Norte	0
El Dorado	3
Fresno	14
Glenn	0
Humboldt	29
Imperial	4
Inyo	0
Kern	19
Kings	6
Lake	0
Lassen	7
Los Angeles	29
Madera	2
Marin	1
Mariposa	1
Mendocino	11
Merced	2
Modoc	0
Mono	2
Monterey	3
Napa	0

Nevada	9
Orange	5
Placer	7
Plumas	2
Riverside	8
Sacramento	14
San Benito	0
San Bernardino	7
San Diego	27
San Francisco	1
San Joaquin	4
San Luis Obispo	6
San Mateo	0
Santa Barbara	6
Santa Clara	7
Santa Cruz	2
Shasta	13
Sierra	0
Siskiyou	1
Solano	2
Sonoma	10
Stanislaus	8
Sutter	4
Tehama	5
Trinity	1
Tulare	8
Tuolumne	1
Ventura	3
Yolo	1
Yuba	7
<b>Totals</b>	<b>325</b>



# Energy Corps Program

## - Proposition 39 Funded Program Status -



**Status - Retrofits:** In **January of 2014**, the CCC's 'Energy Corps' deployed **10** Proposition 39 Funded Crews of trained and supervised Energy Corps Corpsmembers to provide ASHRAE compliant 'Whole Building' Energy Opportunity Surveys (energy audits) for K-12 Local Educational Agencies (LEAs). In mid 2015 the Energy Corps began providing Proposition 39 funded EE Lighting Retrofit Installation services for LEAs throughout the State. The status of Proposition 39 funded EE **Retrofit Installation** services provided to date by the CCC to K-12 LEAS is as follows:

<b>Retrofits - K-12 School Projects Completed</b>	<b>25</b>	
<b>Retrofits - K-12 School Lighting Completed</b>	<b>37,724</b>	
<b>Retrofits - K-12 Lighting Controls Completed</b>	<b>4,522</b>	
<b>Retrofits - K-12 Calculated Annual kWh Savings</b>	<b>929,350</b>	
<b>Retrofits - LEAs - # Receiving Retrofits</b>	<b>23</b>	
<b>Retrofits - LEAs - # Over 5000 ADA</b>	<b>6</b>	<b>26%</b>
<b>Retrofits - LEAs - # Under 5000 ADA</b>	<b>17</b>	<b>74%</b>
<b>Retrofits - LEAs - # 50% or more qualified for FRPM</b>	<b>15</b>	<b>65%</b>



<b>CCC - P39 LEA's Retrofitted By County</b>	
<b>California Counties</b>	<b># of LEAs</b>
Alameda	0
Alpine	0
Amador	0
Butte	4
Calaveras	0
Colusa	0
Contra Costa	0
Del Norte	0
El Dorado	0
Fresno	1
Glenn	0
Humboldt	0
Imperial	0
Inyo	0
Kern	1
Kings	0
Lake	0
Lassen	0
Los Angeles	0
Madera	0
Marin	0
Mariposa	0
Mendocino	0
Merced	0
Modoc	0
Mono	0
Monterey	0
Napa	0

Nevada	3
Orange	2
Placer	0
Plumas	0
Riverside	1
Sacramento	0
San Benito	1
San Bernardino	2
San Diego	2
San Francisco	0
San Joaquin	0
San Luis Obispo	0
San Mateo	0
Santa Barbara	1
Santa Clara	0
Santa Cruz	1
Shasta	2
Sierra	0
Siskiyou	0
Solano	0
Sonoma	0
Stanislaus	1
Sutter	0
Tehama	1
Trinity	0
Tulare	0
Tuolumne	0
Ventura	0
Yolo	0
Yuba	0
<b>Totals</b>	<b>23</b>





# Energy Corps Program

## - Proposition 39 Funded Program Status -



**Status - Backlog of Survey Requests:** There are now **6 CCC Energy Corps Energy Opportunity Survey Crews operating statewide** from CCC Centers. Due to the very large volume of Schools and buildings that K-12 LEAs requested for Energy Opportunity Surveys during the first year of Proposition 39 funded services, the CCC stopped accepting applications from LEAs for Energy Opportunity Surveys in July of 2014. The current backlog of K-12 LEA requests for Surveys represents approximately **2.5 years of work for 4 CCC Energy Corps Surveys Crews** operating on a full time basis.



**Status - Backlog of Retrofit Installation Requests:** Each Retrofit installation project requires much more time to complete than an Energy Opportunity Survey. The CCC Energy Corps began offering K-12 LEAs Retrofit Installation services in mid 2015. There are now **6 CCC Energy Corps EE Retrofit Installation Crews operating statewide** from CCC Centers. **The current backlog of K-12 LEAs requests for Retrofit Installation Projects represents approximately 6 months of work operating on a full time basis.** Requests for these CCC Energy Corps Retrofit Services is increasing rapidly as more K-12 LEAs become aware of their availability and apply for these Proposition 39 funded Retrofit Installation services. The CCC will accept requests and applications for Retrofit Installation Project services through its website and by direct outreach to K-12 LEAs.





# Energy Corps Program

## - Proposition 39 Funded Program Status -



**Status - Training:** In **January of 2014**, the CCC's 'Energy Corps' deployed **10** Proposition 39 Funded Crews of trained and supervised Energy Corps Corpsmembers to provide ASHRAE compliant 'Whole Building' Energy Opportunity Surveys (energy audits) for K-12 Local Educational Agencies (LEAs). In mid 2015 the Energy Corps began providing Proposition 39 funded EE Lighting Retrofit Installation services for K-12 LEAs throughout the State. The following is the status of Proposition 39 funded **Training** provided to

date:

Corpsmembers trained (Energy Opportunity Surveys)	<b>491</b>
Corpsmembers trained (OSHA 10./30)	<b>221</b>
Corpsmembers trained (Lighting Retrofit Installations)	<b>169</b>
Corpsmembers trained (On-Line Energy University)	<b>211</b>
Corpsmembers trained (EE Presentations)	<b>89</b>
Corpsmembers trained (Total Training Hours)	<b>41,841</b>
CCC Staff trained (Energy Opportunity Surveys)	<b>40</b>
CCC Staff trained (OSHA 10./30)	<b>20</b>
CCC Staff trained (Lighting Retrofit Installations)	<b>17</b>
CCC Staff trained (On-Line Energy University)	<b>1</b>
CCC Staff trained (Presentation Training)	<b>8</b>
CCC Staff trained (Total Training Hours)	<b>3,782</b>
CCC Total training hours	<b>45,623</b>





# Energy Corps Program

## - Proposition 39 Funded Program Status -



**Status - Corpsmembers Hired:** In **January of 2014**, the CCC's 'Energy Corps' deployed **10** Proposition 39 Funded Crews of trained and supervised Energy Corps Corpsmembers to provide ASHRAE compliant 'Whole Building' Energy Opportunity Surveys (energy audits) for Local Educational Agencies (LEAs). In mid 2015 the Energy Corps began providing Proposition 39 funded EE Lighting Retrofit Installation services for LEAs throughout the State. The following is the status of **Hires and Requests to Hire** CCC Energy Corps Corpsmembers resulting from their Proposition 39 funded training and work project experience to date in the CCC's Energy Corps:

- Corpsmembers Hired by Energy Industry Companies **30+**
- Requests from multiple Energy Industry Companies for Energy Corps Corpsmembers to Hire (# CMs requested) **120+**

**Status - Requests to Hire Corpsmembers:** Many energy industry companies have begun to regard the CCC's Energy Corps as a very good source for hiring entry level employees. Companies who initially approach the CCC seeking Energy Corps partnering opportunities have often requested to hire Energy Corps Corpsmembers. The demand received by the CCC in 2015 for trained and experienced Energy Corps Corpsmembers was much greater than could be supplied (in terms of Corpsmembers that already had sufficient Energy Corps training and work experience). Individual Energy Industry Companies have requested up to 50 Corpsmembers for immediate hire, and as a collective, they have requested more than 120 Corpsmembers for hire. The CCC's Energy Corps has achieved this positive reputation as a source for entry level energy industry new hires by providing Corpsmembers with a high standard of Energy Industry training, strong demonstrated work ethics, and skills in performing these Proposition 39 Funded energy efficiency 'work-learn' projects for LEAs.







# Energy Corps Program

## - Proposition 39 Funded Services -



For more information about the CCC's Energy Corps, please visit the CCC Website:  
<http://www.ccc.ca.gov/work/programs/prop39/Pages/default.aspx>

### CCC ENERGY CORPS

#### CCC Energy Corps Proposition 39 Program Update

*Short Video Clips of the Energy Corps*

SAVING ENERGY THROUGH WORKFORCE INNOVATION

The CCC Energy Corps – Saving Energy Through W

TRAINING THE WORKFORCE THROUGH RETROFIT PROJECTS

The CCC Energy Corps – Training the Workforce Th

TRANSFORMING THE ENERGY EFFICIENCY MARKETPLACE

The CCC Energy Corps and UC Davis EEC – Trans

TRAINING AND CAREER OPPORTUNITIES FOR YOU

The CCC Energy Corps – Training and Career Opp

APPENDIX E: CALIFORNIA WORKFORCE DEVELOPMENT BOARD  
PROPOSITION 39 JOBS REPORTING METHODOLOGY AND INNOVATION  
REPORT

PROPOSITION 39 JOBS REPORTING: METHODOLOGY AND INNOVATION

A Report to the Citizens Oversight Board of  
The California Clean Energy Jobs Act

*Prepared by*  
The Donald Vial Center on Employment in the Green Economy  
University of California, Berkeley

*In consultation with*  
The California Workforce Development Board

March 29, 2016

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## INTRODUCTION

The California Clean Energy Jobs Act (CCEJA), created by initiative Proposition 39 in 2012 and legislated under Senate Bill 73, provides funding for the planning and installation of clean energy measures, such as energy efficiency upgrades and clean energy generation in public educational facilities in California. The program was funded by closing a loophole in California's corporate income tax code and allocating the projected revenue to the General Fund and the Clean Energy Job Creation Fund for five years, beginning in fiscal year 2013---2014.<sup>1</sup> Up to \$550 million dollars are available for appropriation each year, although the annual allocation has been closer to \$350 million.<sup>2</sup>

There are three component parts of Proposition 39's energy efficiency retrofit and clean energy program, which are administered and tracked by three separate agencies.

- The K---12 program that funds retrofits and renewable energy projects in local educational agencies (LEAs) and is overseen by the California Energy Commission (CEC). The California Workforce Development Board (CWDB) is responsible for jobs reporting. This is the largest program to which, on average, over 80% of Proposition 39 funding is designated.
- The community college program, coordinated by the California Community Colleges Chancellor's Office (CCCCO), which includes both investments in retrofits and renewable energy and a small amount of training. The CCCCCO is responsible for jobs reporting.
- The Energy Corps energy survey and training program is administered by the California Conservation Corps (CCC), which is also responsible for jobs reporting.

In addition to these three components, funding has also been allocated to the CEC for administration and oversight of Proposition 39 and to the CWDB to establish pre---apprenticeship and other worker training programs. Uniting these initiatives are targeted investment into public infrastructure and the California workforce, creating jobs in communities across the state as a result.

Proposition 39 is the first clean energy policy that requires reporting, rather than forecasting of the jobs created by public clean energy investments. This will provide the most accurate jobs data to date to track the state's efforts to address climate change. It will provide data not only on the number of jobs, but also on wages and benefits, the number of apprentices who are able to fulfill some of their training through these clean energy projects, and the geographic distribution of workers, which can lend insight about the breadth of access to these jobs for workers from low---income and frontline communities. In the past, job numbers have been forecast but careful analysis that includes actual tracking of jobs has not been carried out, and no information about job quality or job access has been available.

This report maps out the steps needed to estimate the job impacts of Proposition 39, but does not yet report job creation. Currently, there is insufficient data to do so for several reasons: the program is still in its early stages, some data has not yet been reported, and disconnects between reporting systems from different agencies limit the full use of the data that is available. Instead, we provide a roadmap of



the full job impact analysis that will be possible after the first year of workforce reporting to the CEC and other administrative agencies is complete and data is linked across agencies. We examine each component program, detail the data collection and data estimation opportunities, and current data availability. We then describe how the full job impact of the K---12 program can be estimated as the complete set of first year data and subsequent annual reports become available. We do not address the other component programs under Proposition 39 given that they are not under the purview of the CWDB. To show how the data can describe job quality and job access, we also present available information on wages, opportunities for apprentices, geographic distribution of jobs, and occupational mix. Finally, we offer a rough estimate (forecast) of future job creation based on the program allocation, using a low and high estimate of jobs per million dollars of investment. We anticipate that the jobs reporting data, when available, will produce more accurate job creation numbers within this rather large forecasted range.

## THE PROPOSITION 39 JOBS UNIVERSE

Proposition 39 was created by closing a tax loophole, thus generating a significant economic multiplier effect from new money flowing into the California economy. As seen in Figure 1 below, new job creation will result from this investment through three distinct pathways. The first are “direct jobs” in clean energy implementation at K---12 schools, community colleges, and the CCC. Direct jobs are the positions designing, managing, and installing energy efficiency or renewable energy measures at LEAs – these are the planners, engineers, and white and blue collar construction workers actually involved in project implementation. For each direct job created in clean energy, there are additional “indirect jobs” created along the supply chain to meet the demand for building materials and other inputs in retrofit work and “induced jobs” in local communities in California as workers and contractors have more spending money and purchase additional goods and services. To calculate the total direct, indirect, and induced jobs created through Proposition 39 investment requires several accountancy and modelling strategies.

First, direct jobs are calculated from two distinct data sources:

- Payroll records from K---12 LEA construction projects
- Job estimation modelling

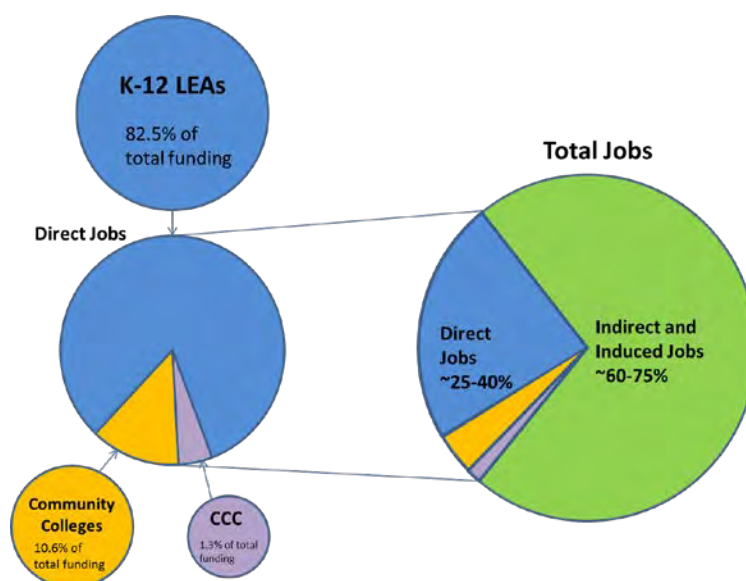
The Department of Industrial Relations (DIR) has the authority to collect certified payroll records (workers’ timecards) for all construction workers on public works projects as part of their responsibility to enforce prevailing wage law. Since Proposition 39 mandates that the CWDB report on job impacts, the DIR agreed to provide payroll records to the CWDB for each K---12 LEA. These payroll records allow us to track and tabulate actual hours worked on Proposition 39 projects for the largest group of workers (i.e. all blue collar workers who are covered by prevailing wage law). Since this data set only records blue collar construction employment in K---12 schools, some assumptions are necessary to estimate other employees engaged in K---12 school retrofit projects as well as jobs in the three other Proposition 39

programs. Based on secondary sources, it is possible to calculate a “jobs factor” for jobs created per million dollars for each program component. The gross number of jobs can then be estimated from multiplying the total project budget by the jobs factor.

For this report, we will use a range for the jobs per million dollars based on secondary sources from academic and government publications. Thus, direct jobs are counted from:

- A summation of actual blue collar construction jobs in K---12 LEAs tabulated from payroll records.
- Estimated jobs for non---blue collar construction in K---12 projects using a jobs factor from secondary literature.
- Estimated job creation in community colleges and the CCC using a jobs factor from secondary literature.
- Taking the calculated total for direct job creation, we then use a “jobs multiplier” to determine the indirect and induced jobs generated. The size of the multiplier depends upon on the industries that carry out Proposition 39 work (mostly the construction industry) and geographic area of job impact. In this case, we want to count the job impact in California, excluding jobs created in other states or nations. From secondary studies of the construction industry, we expect that the multiplier will be between 1.5 and 3, that is, for every direct job, an additional 1.5---3 jobs will be created in California.<sup>3</sup> When data is available, we will employ the IMPLAN model, a standard approach in economic impact studies, to narrow the estimate for the multiplier. It is critical to measure the multiplier as part of the jobs impact analysis of Proposition 39 because closing the tax loophole means that new investment, which would otherwise have occurred outside the state, is now generating economic activity, and jobs, in California, beyond the retrofit jobs in LEAs.

Figure 1: Investment and Direct, Indirect, and Induced Job Creation from Proposition 39



## PROPOSITION 39 K---12 PROGRAM

The California Energy Commission (CEC) is responsible for administering the Proposition 39 K---12 program in local educational agencies (LEAs), which include over 2,100 different facilities for charter and state special schools, school districts, and the county offices of education.<sup>4,5</sup> For the first year of allocated funding only, each LEA could chose to allot a portion of their funding to planning, project design, and needs assessment.<sup>6</sup>

To date, three annual appropriations have been made to K---12 clean energy programs totaling \$973 million (for a complete breakdown of allocations by program and fiscal year from 2013 to 2016 please see Appendix). The CEC received the first energy plans in February of 2014 and as of the most recent CEC reporting date in January 2016, 697 plans have been approved for a total of \$491 million (and \$70 million in planning and design costs).<sup>7</sup> An additional 1,646 requests remain in the planning stage,<sup>8</sup> highlighting the need to distinguish between program appropriations by the Legislature and actual expenditure to date when assessing the job impacts.

## INNOVATIVE APPROACHES TO TRACKING CLEAN ENERGY JOB GAINS

Job data from K---12 LEA projects is compiled in two distinct ways, as introduced above:

- Payroll records from the DIR, and
- Estimates based on job factors (jobs per million dollar invested) derived from previous research.

The DIR data contains information on hours but does not have information about project cost. To determine how many hours of work are created per million dollars of investment (the job factor) the DIR certified payroll records (CPRs) must be matched to CEC reports on grant disbursements to the LEAs. The DIR records also include additional information about occupation, wages and benefits, use of apprentices, and the location of workers and projects, which can be used to illustrate a more comprehensive picture of the quality of jobs associated with Proposition 39, which we discuss below.

To date, complete, matched information from both the CEC and DIR is available on only 18 LEAs, accounting for only \$5.5 million or less than 0.6% of the total program allocation. This small sample prohibits us from providing a credible estimate of job impacts because there is no way of knowing that these projects are representative of the larger pool. In fact, given their relatively small size compared to total list of Proposition 39 projects allocated funding<sup>9</sup> and their early completion, there is reason to suspect that these 18 LEAs may be exceptional or incongruous with the bulk of schools that have yet to finish reporting. The small sample is attributable to the following issues:

- **On---going projects** have not yet reported their project to the CEC so there is no way to link hours worked to project cost. As of the date of the last California Department of Education (CDE) reporting on January 19, 2016, Proposition 39 funds had been paid out to 550 LEAs;<sup>10</sup> however, only 43 projects were complete.<sup>11</sup> This is due in part to the long lead time that is necessary for careful project planning and development as well as the 12---15 months of utility data LEAs are required to report to calculate energy savings.<sup>12</sup> Additionally, many LEAs decided to save their Proposition 39 disbursement until the five---year funding allocation is complete, which is allowed, and actually encouraged under SB 73. All schools receiving more than \$1 million are to allocate not less than 50% of funding to projects over \$250,000, which are anticipated to “achieve substantial energy efficiency, clean energy, and jobs benefits.”<sup>13</sup>
- **Incomplete reporting to the DIR** limits the possible analysis of the CPRs. LEAs are required to submit payroll information to the DIR to certify prevailing wage enforcement. To date these records have only been received from 51 LEAs. The delays are attributable to a variety of factors, including the challenges of a manual reporting process unfamiliar to many and the need for further technical assistance in the field. Fortunately, the process will be automated in 2016, streamlining jobs reporting as the CPRs are submitted online.
- **Reporting schedules differ for different agencies**, which has further limited data availability so far. Once the data from the DIR is made available it must be matched to the CEC reports to provide jobs per million dollars of investment estimates. However, the CEC and DIR report at different times, meaning we are unable to match the DIR records provided in October 2015 to any projects completed after the last data set received from the CEC in August 2015.

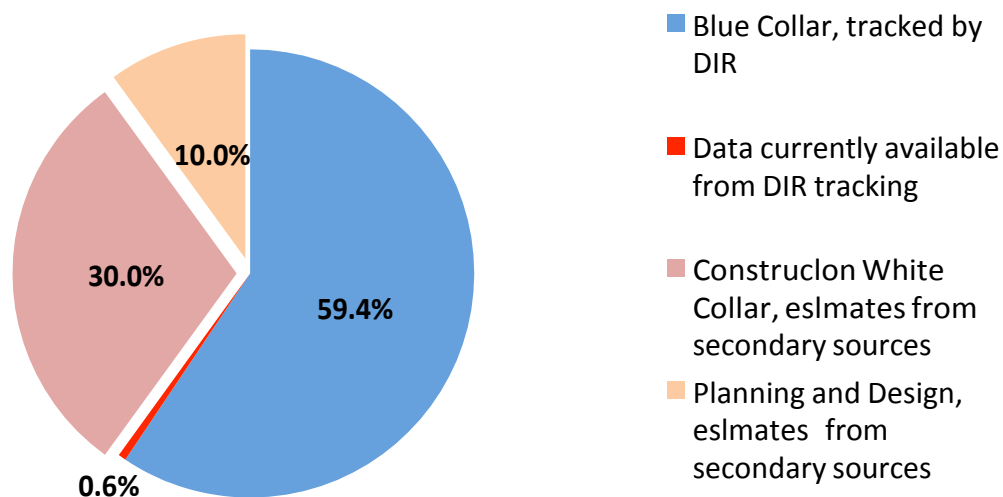
This information gap is illustrated in Figure 2, which depicts the distribution of employment across K---12 Proposition 39 project components. The small red sliver of the pie chart represents the data that matches for both hours worked and project costs – less than 0.6% of the total program allocation. As

data becomes available from the DIR and the CEC we will be able to determine the exact number of blue-collar construction positions created, filling in the entire large blue wedge.

In addition, the payroll records from the DIR do not capture other workers on Proposition 39 projects that are not covered by prevailing wage laws. In the construction industry, construction managers, contractors, engineers, and other white collar occupations ranging from architects to accountants are the major categories that are not included. Based on the tracking of blue collar construction jobs from the payroll records, we can estimate the associated white collar jobs creation from the US Economic Census of the construction industry.

In addition, the CEC allocates funds for project planning and design (permitting up to 30% of the first year of LEA funding to be used for energy project planning and auditing in preparation of program implementation). Thus, until the final data on funding allocated to planning and design is available, we estimate the jobs created in this area to account for as much as 30% of the 2013-2014 allocation of Proposition 39 funding (represented in the small, orange wedge in Figure 2).<sup>14,15</sup> The only omission from this comprehensive data collection mechanism are existing school employees who may have contributed to the planning, design, or implementation of projects and whose salaries may have been subsidized by Proposition 39 funding. We are not able to count these jobs. Nevertheless, the reporting and documentation systems established will provide a wealth of information as the CEC and DIR data is finalized, permitting the first comprehensive review of job creation and job quality from clean energy investment that can be used to forecast job growth and the impact of related clean energy initiatives into the future.

*Figure 2: Job Creation Breakdown from K-12 Proposition 39 Projects*



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## JOB QUALITY AND ACCESS

Proposition 39 is an investment in the clean energy workforce intended to “increase the number of jobs in California supporting energy retrofit improvements” while also providing training to build sustainable careers accessible to all interested Californians by working with a range of stakeholders, including LEAs, community colleges, the CCC, and “eligible community---based and other training workforce organizations preparing disadvantaged youth or veterans for employment.”<sup>16</sup> The DIR payroll records contain a wealth of information about the construction jobs created by Proposition 39 at K---12 LEAs that will eventually allow us to address whether these are good, career---track jobs and who is getting them.

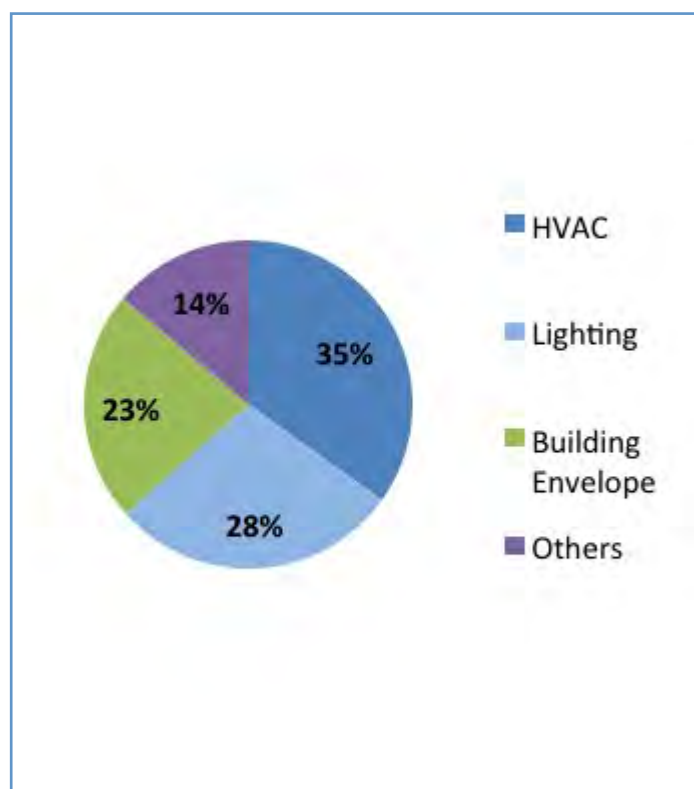
Given that these jobs are covered by prevailing wage protections, we can be assured that they are generally well---paid jobs with benefits, which rely on the apprenticeship system for training, and that many positions will be unionized. We examined the 2,200 payroll records from 51 LEAs reported by the DIR to the Donald Vial Center in October 2015, which included information on each LEA, the project site, the name of the contractor, the job classification of each worker, the hourly wage rate, the number of hours each employee worked on each project, and worker and contractor zip codes. From this dataset, we compiled an early snapshot of work undertaken at the 51 LEAs. Table 1 presents the ten largest job classifications and the relative distribution of work in them on Proposition 39 projects.

*Table 1: Total Hours Worked by Trade in K---12 LEAs*

Building System	Job Category	Hours
HVAC	HVAC Employees	2%
	Plumbers/Pipefitters	15%
	Sheet Metal workers	18%
Lighting	Electricians	20%
	Light Fixture Employees	8%
Building Envelope	Asbestos Workers	15%
	Carpenters	3%
	Glaziers	4%
	Roofers	1%
Others	All other workers (e.g., laborers, sound technician, system installer, etc.)	14%

Figure 3 shows the occupational breakdown and the corresponding building system, which underscores the importance of heating, ventilation, and cooling (HVAC) installation, lighting, and improvements to the building envelope to address energy efficiency (see note 5 for more information on types of energy efficiency work).

Figure 3: K---12 LEA Proposition 39---Funded Projects

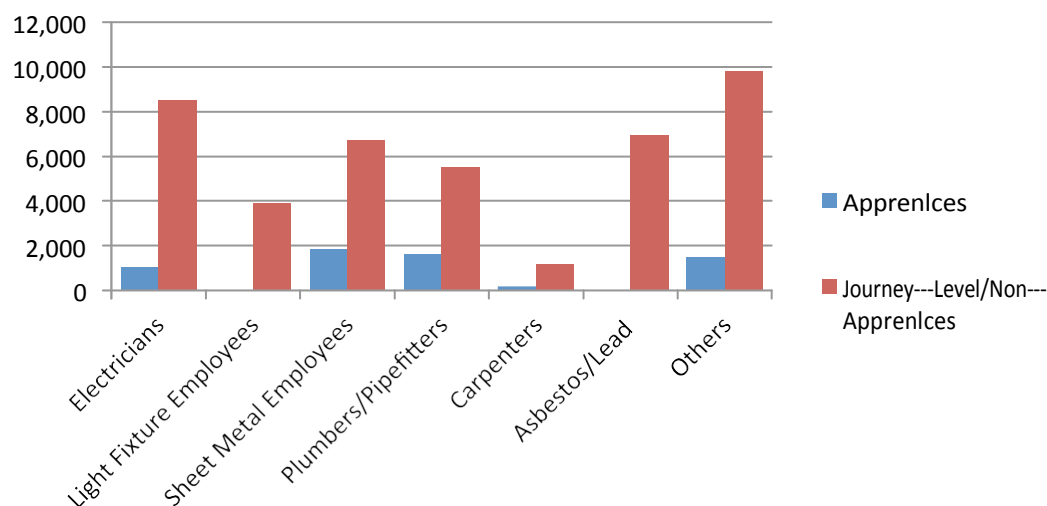


The CPR data also indicates that Proposition 39 provides career---track training for construction workers through state---registered apprenticeships. Apprenticeships are industry---funded, “earn---as---you---learn” training programs that combine classroom instruction and paid on---the job---training with a wage progression tied to skill acquisition and an industry---recognized credential when apprentices “journey out.”<sup>17</sup> State---certified apprenticeships are the gold standard in workforce training and trade certification,<sup>18</sup> building a pipeline for trainees into career track jobs, and helping to fulfill the intent of the legislation. Information on the zip codes of workers will help determine whether local community members or workers from disadvantaged communities have been hired. Proposition 39 does not include specific goals for hiring workers from targeted groups, even though this has become a fairly common feature of public works projects where Project Labor Agreements have been negotiated.

From the CPR data, we identified apprentice and non---apprentice/journey---level workers employed on Proposition 39 projects in K---12 LEAs. Of the seven major job classifications represented in our data, five trades hired apprentices (electricians, sheet metal workers, plumbers/pipefitters, carpenters, and others) while two (light fixture employees and asbestos workers) did not. Among the trades that did hire apprentices, we see a healthy ratio of nearly one apprentice to every four journeymen.<sup>19</sup> Figure 4 depicts this breakdown by trade to show the prominence of apprentices in the skilled trade workforce.

As seen in Table 2, apprentices earn a good salary while completing three to five years of training that teaches a broad, occupational skillset applicable to other sectors and projects. The intensive educational program is supplemented with work in a range of settings that provides greater job security in the future as workers earn a versatile, industry---recognized credential. In contrast, the light fixture installers and asbestos/lead abatement workers learn only very specific skills applicable to one aspect of energy efficiency and lack the versatility of skilled journeymen. These jobs may lack a clear pipeline to a higher---wage career.

*Figure 4: Comparison of Workforce Apprentice vs. Non---Apprentice Ratio across the seven---largest trades in K---12 LEA Proposition 39 projects.*



*Table 2: Average Hourly Wage by Trade for Apprentices and Journey---Level/Non---Apprentices on K---12 LEA Projects*

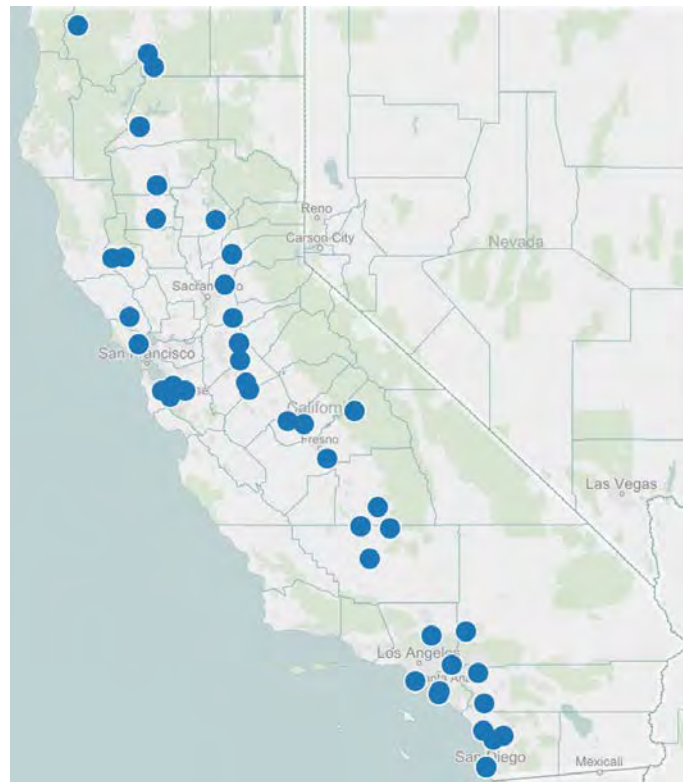
Job Category	Apprentices	Journey---Level/ Non---Apprentices
Electricians	\$30	\$53
Light Fixture Workers	-	\$36
Sheet Metal Workers	\$26	\$49
Plumbers/Pipefitters	\$27	\$49
Carpenters	\$30	\$43
Asbestos/Lead Abatement Workers	-	\$30
Other	\$24	\$45



Although there is a clear distinction in the average wages associated with industries that use the apprenticeship system (\$49 per hour) versus those that are not (\$33 per hour), all employees on K---12 LEAs receive wages higher than the workforce average as public funding triggers prevailing wage standards. Thus, investment into public infrastructure under Proposition 39 creates a ripple effect of associated benefits. Improved energy efficiency investment not only contributes to student and employee comfort, lower building maintenance and operating costs, and an extended lifetime for school buildings,<sup>20</sup> but also provides family---supporting wages for construction workers and training programs that establish a pathway to middle class careers for apprentices.

Furthermore, these benefits extend across the state of California as captured in Figure 5. The bubbles correspond to LEAs that have completed a project and reported their payroll records to the DIR (although the CEC reporting is not necessarily complete for all LEAs marked). The map evidences a clear distribution of program monies in projects across the state. Once more data is available, we will also be able to assess the proportion of workers who come from zip codes identified in the CalEnviroScreen as likely to be disadvantaged.<sup>21</sup>

*Figure 5: K---12 LEAs projects that have reported to the DIR:*



*These projects are not all complete, and thus not yet included in this report's jobs reporting analysis. However, the dots represent the zip codes which contain an LEA that has at least started their project and submitted payroll records to the DIR. Some of the LEAs are in the same zip code.*

## OTHER KEY PROPOSITION 39 PROGRAMS

Proposition 39 funds related clean energy programs in the community colleges and the California Conservation Corps. Although different agencies are responsible for reporting the direct job gains from these programs, it is important to consider them as they contribute to the total job creation forecast in the final section of this report.

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### CALIFORNIA COMMUNITY COLLEGES

The second largest program of Proposition 39 is the community college initiative, which was allocated \$124.7 million between 2013 and 2016 (see Appendix) for both clean energy projects and workforce development programs in the clean energy sector.<sup>22</sup> Proposition 39 mandates that community college districts collect and provide the CCCCCO with information regarding their final project costs, verified energy savings for each project, direct job creation, and number of trainees. Reporting on community college job gains is carried out separately by the CCCCCO. Their October 2015 report detailed 135 completed projects resulting in 174 full-time equivalent job years and another 458 projects underway, which are estimated to create a further 487 job years.<sup>23</sup>

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### CALIFORNIA CONSERVATION CORPS

Proposition 39 created the Energy Corps Program under the California Conservation Corps to train at risk young people.<sup>24</sup> Beginning in fiscal year 2013, the CCC has received approximately \$5 million annually to train Corps members to conduct energy surveys and, in some cases, install simple energy efficiency retrofit measures for K-12 LEAs.<sup>25</sup> The Corps works statewide with priority given to smaller LEAs and those with a high percentage of students qualifying for free and reduced lunch. In 2014, the 10 crews of the Energy Corps Program surveyed over 7,800 school buildings and provided the CEC with 116 Energy Opportunity Survey reports.<sup>26</sup> The CCC tracks Corps member hours and, if linked with their project tracking data, could estimate the number of jobs per million dollars of investment.

## FORECASTED JOB CREATION

The benefit of the data collection mechanism used for jobs reporting in K-12 LEAs is that we can track actual hours of work from actual payroll data for the single largest category of workers funded through Proposition 39. This provides an anchor of reality for the estimates required for the other job categories that do not report payroll records. Once CPR data is available, it will allow us to produce the most accurate estimates possible and shed light on the job quality and job access issues that are also of concern.

For this report, we provide “back-of-the-envelope” forecasts of potential job creation based on allocated Proposition 39 funding from 2013–2016 using job factors and job multipliers from previous studies. Once the real data is available, we can assess how accurate previous job forecasts have been.

Table 3 presents job creation estimates based on three distinct job factors. This very large range highlights the need for careful accounting and verification. The range of job outcomes presented is based on a review of academic and government analyses that indicate a low job factor estimate of 2.5 direct jobs created per million dollars invested and an upper-bound estimate of 8.9 direct jobs created per million dollars. The low estimate uses a multiplier of 1.5 indirect and induced jobs created for each direct job and the high estimate uses a multiplier of three, again derived from other research.<sup>27,28</sup> The total jobs estimate forecasts direct blue collar and white collar employment on Proposition 39 projects, indirect jobs created along the supply chain, and induced jobs in local communities. The midpoint in the range described as the “DVC Jobs Forecaster” uses a job factor of 6.2 and a multiplier of 2.3 based on a 2013 report from the Donald Vial Center on Employment in the Green Economy at the University of California, Berkeley.<sup>29</sup> This report averaged the findings of the academic and government studies mentioned above following from a comprehensive review of literature on job creation in the clean energy sector.

Based on the total allocation to K–12 LEAs, community colleges, and the CCC, we calculate a low job creation estimate of 6,963, a mid-point based on the DVC Job Forecaster is 15,878 with the highest forecasted estimate for total jobs being 39,640. This broad range calculated from various studies illustrates the uncertainty of job forecasting and the importance of grounding job outcome numbers in real data as the unique data collection strategies employed in K–12 LEAs will allow.

*Table 3: Forecasted Potential Job Creation from Proposition 39*

		Low Estimate			DVC Jobs Forecaster			High Estimate		
	Total Allocated Funding	Jobs per Million	Forecasted Direct Jobs	Total Jobs	Jobs per Million	Forecasted Direct Jobs	Total Jobs	Jobs per Million	Forecasted Direct Jobs	Total Jobs
K–12	\$973.4	2.5	2,434	6,085	6.2	6,035	13,881	8.9	8,663	34,652
Community Colleges	\$124.7		312	780		773	1,778		1,110	4,440
CCC	\$15.4		39	98		95	219		137	548
<b>Total</b>	<b>\$1,113.5</b>		<b>2,784</b>	<b>6,963</b>		<b>6,903</b>	<b>15,878</b>		<b>9,910</b>	<b>39,640</b>

## CONCLUSION

Proposition 39 is a significant investment into clean energy and energy efficiency in California that creates multiple, positive benefits of lower energy bills, greater comfort in educational facilities, reduced greenhouse gas emissions, job training, and job creation. Since the program was established in 2013, \$973 million has been allocated and \$212 million disbursed to clean energy projects in K---12 LEAs across the state in addition to the projects with community colleges, the CCC, CWDB, and CEC.

We are still at the early stages of project implementation, making it impossible to provide a credible job creation estimate for K---12 LEAs from the small sample currently available. However, the data collection mechanism established, which links payroll records from the Department of Industrial Relations and project reporting from the California Energy Commission, will allow us to tabulate actual job creation in blue collar construction on projects in K---12 LEAs across the state as reporting continues. From this, we can calculate white collar and planning jobs in the K---12 LEAs and job creation of the other programs using a new, estimated jobs factor (jobs per million dollars of investment) that is grounded in real data from the DIR. This robust data collection method will also provide information on the quality of jobs created, the wages and benefits paid, who is working in LEAs, and the opportunities open for trainees on Proposition 39 projects, allowing us to understand better if the program is achieving its educational goals to train disadvantaged and veteran workers across the state.

Our forecast for potential job creation based on secondary literature shows a vast range that extends between 7,000 and nearly 40,000 jobs created from Proposition 39. For the first time, we will be able to verify these predictions as we narrow and refine the jobs factor for clean energy projects using the methodology outlined in this report. Thus equipped, we will better be able to explain the labor force impacts of on---going and future climate legislation, aid with future economic development initiatives, and help to plan for education and training of a new generation in the clean economy workforce.

## APPENDIX

### Appropriation of Proposition 39 (Clean Energy Job Creation Fund) Funding<sup>30</sup>

Program Administrator	Fiscal Year 2013/14 (in millions)	Fiscal Year 2014/15 (in millions)	Fiscal Year 2015/16 (in millions)
<b>California Energy Commission/ California Department of Education (CDE)</b>  K---12 program (Amounts received by local school districts vary based on a formula of average daily attendance and the number of students eligible to receive free and reduced--- price meals in the school year.)Funding is dispersed by CDE, with program implementation and funding approvals through the Energy Commission.	\$381	\$279	\$313.4
<b>California Community College Chancellor's Office</b>  Community College District program for energy efficiency and clean energy generation projects.	\$47	\$39	\$38.7
<b>California Energy Commission</b>  Energy Conservation Assistance Act --- Education Subaccount (No---interest revolving loan program for K---12 schools and community college districts.)	\$25.2	\$25.2	\$0
Bright Schools program  (Energy audits and other technical assistance for K---12 schools.)	\$2.8	\$2.8	\$0
<b>California Workforce Development Board</b>  Develop and implement a competitive grant program for eligible workforce training organizations to prepare disadvantaged youth, veterans, and others for employment in clean energy fields.	\$3	\$3	\$3
<b>California Conservation Corps</b>  Provide energy project planning services.	\$5	\$5	\$5.4
<b>TOTALS</b>	<b>\$464</b>	<b>\$354</b>	<b>\$360.5</b>

## NOTES

<sup>1</sup> Senate Bill No. 73. (2013). Chapter 29. Retrieved From: [http://www.leginfo.ca.gov/pub/13---14/bill/sen/sb\\_0051-0100/sb\\_73\\_bill\\_20130627\\_chaptered.pdf](http://www.leginfo.ca.gov/pub/13---14/bill/sen/sb_0051-0100/sb_73_bill_20130627_chaptered.pdf)

<sup>2</sup> California Energy Commission. (2015). The California Clean Energy Jobs Act: Proposition 39. Retrieved: [http://www.energy.ca.gov/renewables/tracking\\_progress/documents/Prop\\_39\\_Tracking\\_Progress.pdf](http://www.energy.ca.gov/renewables/tracking_progress/documents/Prop_39_Tracking_Progress.pdf)

<sup>3</sup> The job multiplier effect is generally estimated between 2 and 4 indirect and induced jobs for each direct job created and can vary significantly based on the sector and geography of new jobs. The National Renewable Energy Laboratory estimates indirect and induced job creation for various clean energy occupations in the “Jobs and Economic Development Impact (JEDI) model for clean energy installation based on the IMPLAN platform that examines macroeconomic flows in the Economic Census of the US Census Bureau. See: National Renewable Energy Laboratory. (2015). Jobs and Economic Development Impact Models: Methodology. Retrieved from: <http://www.nrel.gov/analysis/jedi/methodology.html>

<sup>4</sup> The number of eligible LEAs will vary slightly each year due largely to changes in charter schools, many of which are housed in rented facilities that may not be eligible for funding or pose a much higher barrier to the cost effectiveness metric for a project. As of the 2015, there were 2,136 eligible LEAs across the state. See: California Energy Commission. (2016). California Clean Energy Jobs Act: Proposition 39 (K---12) Program Snapshot. Retrieved from: [http://www.energy.ca.gov/efficiency/proposition39/documents/Prop\\_39\\_Snapshot.pdf](http://www.energy.ca.gov/efficiency/proposition39/documents/Prop_39_Snapshot.pdf) and California Energy Commission. (2015). Guidelines Proposition 39: California Clean Energy Jobs Act – 2015 Program Implementation Guidelines. Retrieved from: <http://www.energy.ca.gov/2014publications/CEC---400---2014---022/CEC---400---2014---022---CMF.pdf>

<sup>5</sup> To access funding, LEAs must submit an energy expenditure plan, which is reviewed by the CEC and funding is dispersed on a per student basis to LEAs. Example projects include measures such as:

- Efficient lighting and lighting control systems.
- Heating, ventilation, and air---conditioning (HVAC), such as new chillers, boilers, and furnaces
- Building envelope measures such as insulation or window and door treatment/replacement
- Pumps, motors, and variable frequency drives.
- Energy management systems, programmable/“smart” thermostats, and chiller controls.
- Plug---load equipment, such as power management and vending machine misers.
- Building envelope energy---saving measures.
- On---site clean energy generation, such as solar photovoltaic.

<sup>6</sup> LEAs are also able to (1) apply for single or multi---year energy expenditure plan(s) (2) retroactively fund measures, and (3) accumulate Proposition 39 funds over five years to finance an expanded EEP or across multiple school sites within the LEA. Funding is distributed as it become available each fiscal year. If not used completely, the allocated funding will be available until June 2018 at which time LEAs have two additional years to complete their energy plans and another year to report final project completion by June 30, 2021. For more see: California Energy Commission. (2015). The California Clean Energy Jobs Act (Proposition 39 (K---12) Program).

<sup>7</sup> California Energy Commission. (2016). Approved Energy Expenditure Plans: Expenditure Plan Listing. Retrieved from: <http://www.energy.ca.gov/efficiency/proposition39/>

<sup>8</sup> California Energy Commission. (2015). The California Clean Energy Jobs Act: Proposition 39. Retrieved from: [http://www.energy.ca.gov/renewables/tracking\\_progress/documents/Prop\\_39\\_Tracking\\_Progress.pdf](http://www.energy.ca.gov/renewables/tracking_progress/documents/Prop_39_Tracking_Progress.pdf)

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<sup>9</sup> California Department of Education. (2016). Proposition 39 ----- Multi---year Schedule. Retrieved from: <http://www.cde.ca.gov/fg/aa/ca/prop39cceja.asp>

<sup>10</sup> California Department of Education, 2016.

<sup>11</sup> The 43 complete projects are based on the data for analysis that was provided to the Donald Vial Center from the CEC on August 31, 2015.

<sup>12</sup> Senate Bill No. 73, 2013

<sup>13</sup> Senate Bill No. 73, 2013, p. 96

<sup>14</sup> California Energy Commission, 2015, page 13

<sup>15</sup> The breakdown of white collar versus blue collar jobs is modelled from two major sources, the first being the US Economic Census for California which records average employment trends in construction (see: United States Census Bureau. (2015). Construction. Retrieved from: <http://www.census.gov/econ/construction.html>). The second method is IMPLAN, a commonly used economic model originally designed by the federal government for examining the flow of resources between different professions, regions, and economic sectors. The job factor estimators from this model indicate slightly higher job gains for planning and administration funding as a smaller proportion of the gross investment is devoted to materials. When more information on the breakdown of investment becomes available from the Department of Education, we will input the information into IMPLAN, which will illustrate direct job gain in California, indirect job gain external to the state and along the material supply chain, and induced job growth in local communities. The information input into the IMPLAN model will also include the funding allocated to the California Workforce Development Board and the California Energy Commission. Job creation in administration of the program and workforce training is not currently being tracked, but can be estimated.

<sup>16</sup> Senate Bill No. 73, 2013

<sup>17</sup> Department of Industrial Relations. (2016). Overview of DAS. Retrieved from: [https://www.dir.ca.gov/das/DAS\\_overview.html](https://www.dir.ca.gov/das/DAS_overview.html) and Philips, P. (2014). Environmental and Economic Benefits of Building Solar in California: Quality Careers, Cleaner Lives. Donald Vial Center on Employment in the Green Economy. Retrieved from: <http://irle.berkeley.edu/vial/publications/building---solar---ca14.pdf>

<sup>18</sup> Zabin, C. et al. (2014). Workforce Issues and Energy Efficiency Programs: A Plan for California's Utilities. Donald Vial Center on Employment in the Green Economy, University of California, Berkeley. Retrieved from: <http://www.irle.berkeley.edu/vial/publications/WET---Plan14.pdf>

<sup>19</sup> Notably, this number is higher than the trainee employees reported by the community colleges, which find a ratio of one apprentice to every 40 jobs forecasted. See: California Clean Energy Jobs Act, 2015, page 41

<sup>20</sup> Irwin, J. et al. (2011). Making M.U.S.H. Energy Efficient. Center on Wisconsin Strategy. Retrieved from: <http://www.cows.org/making---mush---energy---efficient>

<sup>21</sup> The CalEnviroScreen is now able to assess the relative disadvantage of communities in a more fine---grained manner by looking at census tract data, although the DIR data reported to the CWDB includes only zip code. Still, this zip code data provides the best available way to assess job access. See: Office of Environmental Health Hazard Assessment. (2015). CalEnviroScreen Version 2.0. Retrieved from: <http://oehha.ca.gov/ei/ces2.html>

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<sup>22</sup> California Community Colleges Chancellor's Office. (2016). Proposition 39: Clean Energy Jobs Act of 2012. Retrieved from: <http://extranet.cccco.edu/Divisions/FinanceFacilities/Proposition39.aspx>

<sup>23</sup> CCCCCO: Facilities Planning and Utilization. (2015). Citizens Oversight Board Proposition 39 Summary Report. Retrieved from: [http://www.energy.ca.gov/efficiency/proposition39/citizens\\_oversight\\_board/documents/2015---01---12\\_CCCCCO\\_Report.pdf](http://www.energy.ca.gov/efficiency/proposition39/citizens_oversight_board/documents/2015---01---12_CCCCCO_Report.pdf)

<sup>24</sup> California Conservation Corps. (2014a). California Conservation Corps --- Energy Corps Program --- Version 7.0. Retrieved from: [http://www.green---technology.org/gcschools/images/CCC\\_Energy\\_Corps.pdf](http://www.green---technology.org/gcschools/images/CCC_Energy_Corps.pdf)

<sup>25</sup> California Conservation Corps. (2014b). CCC Energy Corps. Retrieved from: <http://www.ccc.ca.gov/work/programs/prop39/Pages/default.aspx>

<sup>26</sup> California Conservation Corps, 2014a

<sup>27</sup> See note (ii) above for explanation of induced and indirect job creation estimation.

<sup>28</sup> Goldman, C. et al. (2010). Energy Efficiency Services Sector: Workforce Size and Expectations for Growth. Lawrence Berkeley National Laboratory. Retrieved from: <https://emp.lbl.gov/sites/all/files/REPORT%20bnl---3987e.pdf>

<sup>29</sup> Zabin, C. and Scott, M. (2013). Proposition 39: Jobs and Training for California's Workforce. Donald Vial Center on Employment in the Green Economy. Retrieved from: [http://www.irle.berkeley.edu/vial/publications/prop39\\_jobs\\_training.pdf](http://www.irle.berkeley.edu/vial/publications/prop39_jobs_training.pdf)

<sup>30</sup> California Energy Commission, 2015, p.3